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RE: Protocol ZX00077 - Oral (Gavage) Developmental Toxicity Screening Study of
MTDID 6675 in Rats
Sponsor's Reference No. 06-376

Dear Dr. Gordon:

Enclosed are unaudited draft summary tables from the end of the in-life phase of the screening study. The following information summarizes the results of this study.

Methodology – F0 Generation Rats

Sixty presumed pregnant CrI:CD(SD) rats, 10 per group, were randomly assigned to six dosage groups. Formulations of the test article, MTDID 6675 [], and/or the vehicle, reverse osmosis membrane processed deionized water (R.O. deionized water), were administered once daily via oral gavage at dosage levels of 0 (Vehicle), 10, 30, 90, 270 and 500 mg/kg/day. The dosage volume was 5 mL/kg, adjusted daily on the basis of the individual body weights recorded immediately before intubation. Female rats were administered the test article and/or the vehicle once daily beginning on day 0 of presumed gestation (DG 0) through the day of delivery or DG 24 (rats that do not deliver a litter).

Checks for viability were made twice daily. Clinical observations were recorded weekly during the acclimation period, once prior to randomization during the predosage period and daily before administration during the dosage period. Postdosage observations were recorded at approximately hourly intervals for the four hours and at the end of the normal working day for the first nine days of the dosage period. Beginning on the tenth day of the dosage period, postdosage observations were recorded within 1 to 2 hours of dosage and at the end of the normal working day. Maternal behavior was evaluated daily and recorded on days 1, 4 and 6 of lactation (DLs 1, 4 and 6). Abnormal behavior was recorded daily upon observation.

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Body weights were recorded weekly during the acclimation period and on DG 0, daily during the dosage period, daily during the postdosage period and on the day of euthanasia. Feed consumption values were recorded on DG 0, daily during the dosage and postdosage periods, and the remaining feed value was recorded on the day of euthanasia.

Beginning on DG 21, F0 generation female rats were continually evaluated (12 hours per day; 0800 to 2000, and at 2300, 0200 and 0500) for the following parameters: clinical observations during parturition (time each pup is observed was recorded); duration of gestation (DG 0 to the time the first pup is observed); length of parturition (time of observation of last pup minus the time of observation of the first pup divided by N-1 pups in each litter); litter size (defined as all pups delivered); and pup viability at birth. Clinical signs and the time of death for each pup were recorded. These observations continued to be recorded through the first 24 hours after parturition on the previously defined schedule. On DLs 2 through 5, clinical signs and the times of any deaths were recorded at least three times each day. Whenever parturition was complete after 1800 hours, the following day was considered DL 1.

Any pups found partially cannibalized or that were in the process of being cannibalized were euthanized, as needed, and the carcass was retained for possible future evaluation in the appropriate fixative for the age of the pup.

Rats that were found dead or were euthanized before scheduled termination were examined for gross lesions on the day the observation was made. The lungs, trachea and esophagus were perfused and saved in neutral buffered 10% formalin for possible future evaluation. When not precluded by autolysis, the heart, liver, kidneys, stomach and spleen were retained in neutral buffered 10% formalin for possible histological evaluation. Pregnancy status and uterine contents of female rats were recorded. Conceptuses *in utero* and/or delivered pups were examined to the extent possible. Uteri of apparently nonpregnant rats were stained with 10% ammonium sulfide to confirm the absence of implantation sites.

Rats that did not deliver a litter were euthanized on DG 25 and examined for gross lesions. Uteri of apparently nonpregnant rats were stained with 10% ammonium sulfide to confirm the absence of implantation sites.

After completion of a 5-day postpartum period, all surviving female rats were euthanized via carbon dioxide asphyxiation on DL 6, and a gross necropsy of the thoracic, abdominal and pelvic viscera was performed. The number and distribution of implantation sites were recorded.

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Methodology - F1 Generation Pups

F1 generation pups were not directly given the test article or the vehicle but may have been exposed to the test article or the vehicle during maternal gestation (*in utero* exposure) or via maternal milk during the lactation period.

Litters were observed for dead pups at least three times daily. The approximate times of death were recorded. The pups in each litter were counted three times daily, except on DL 1, in cases where parturition was complete after 1800 hours and on DL 6, when pups in each litter were counted once prior to euthanasia. Clinical observations were recorded at least three times daily during the preweaning period. Body weights were recorded on postnatal days 1, 4 and 6 (PNDs 1, 4 and 6).

Pups that died before examination of the litter for pup viability were evaluated for vital status at birth. The lungs were removed and immersed in water; pups with lungs that did not float were identified as stillborn and pups with lungs that did float were identified as liveborn, and to have died shortly after birth. Pups were preserved in Bouin's solution for possible future evaluation.

Pups that died or were euthanized prior to scheduled termination were examined for cause of death or condition and gross lesions on the day the observation was made. Pups found on PNDs 2 to 4 were preserved in Bouin's solution for possible future evaluation.

Surviving pups were euthanized via intraperitoneal injection of sodium pentobarbital on PND 6 and examined for gross lesions. Necropsy included a single cross-section of the head at the level of the frontal-parietal suture, and examination of the cross-sectioned brain for apparent hydrocephaly.

ResultsMortalities

Two F0 generation female rats assigned to the 500 mg/kg/day dosage group were found dead on DG 2 (day 2 of dosing). Dosage administration was subsequently terminated for the 500 mg/kg/day dosage group due to these deaths and adverse clinical observations that were occurring. The remaining eight F0 generation female rats in this dosage group were euthanized.

Four F0 generation female rats assigned to the 270 mg/kg/day dosage group were found dead on either DG 3 or DG 5, and one rat in this dosage group was euthanized due to adverse clinical condition on DG 21.

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All of these mortalities were attributed to MTDID 6675 because the incidences were dosage dependent. One F0 generation female rat in the 10 mg/kg/day dosage group was euthanized on DG 23 due to adverse clinical condition. The dam apparently had problems in delivering its litter, resulting in the fetuses dying *in utero*, leading to its adverse clinical condition. This single event was not considered related to the test material because it did not occur in a dosage-dependent manner and problems in delivery are known to occur in this strain of rat.

Information for these female rats is included in the table on subsequent pages. All other F0 generation rats survived to scheduled euthanasia.

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Dosage Group	Rat Number	Day of Gestation	Mode of Death	Number of Doses Administered	Clinical Observations, Body Weights, Feed Consumption, Necropsy Observations and Uterine Contents
500 MKD	23960	DG 1	Scheduled Euthanasia – Early Termination	1	Clinical Observations: Localized alopecia (limbs) and cold to touch (DGs 0 and 1); dehydration, hunched posture and decreased motor activity (DG 1). Body Weights: Body weight loss of 33 g from DG 0 to DG 1. Feed Consumption: Feed consumption reduced from DG 0 to DG 1. Necropsy Observations: Spleen appeared small; all other tissues appeared normal. Uterine Contents: Pregnancy status could not be confirmed due to early gestational age.
	23959	DG 1	Scheduled Euthanasia – Early Termination	1	Clinical Observations: Localized alopecia [limbs (DGs 0 and 1)]; urine-stained abdominal fur and cold to touch (DG 1). Body Weights: Body weight loss of 16 g from DG 0 to DG 1. Feed Consumption: Feed consumption reduced from DG 0 to DG 1. Necropsy Observations: All tissues appeared normal. Uterine Contents: Pregnancy status could not be confirmed due to early gestational age.
	23958	DG 1	Scheduled Euthanasia – Early Termination	1	Clinical Observations: Dehydration (DG 1). Body Weights: Body weight loss of 19 g from DG 0 to DG 1. Feed Consumption: Feed consumption reduced from DG 0 to DG 1. Necropsy Observations: All tissues appeared normal. Uterine Contents: Pregnancy status could not be confirmed due to early gestational age.

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Dosage Group	Rat Number	Day of Gestation	Mode of Death	Number of Doses Administered	Clinical Observations, Body Weights, Feed Consumption, Necropsy Observations and Uterine Contents
500 MKD	23957	DG 1	Scheduled Euthanasia – Early Termination	1	Clinical Observations: Urine-stained abdominal fur and cold to touch (DGs 0 and 1); and rales (DG 1). Body Weights: Body weight loss of 28 g from DG 0 to DG 1. Feed Consumption: Feed consumption reduced from DG 0 to DG 1. Necropsy Observations: All tissues appeared normal. Uterine Contents: Pregnancy status could not be confirmed due to early gestational age.
	23956	DG 1	Scheduled Euthanasia – Early Termination	1	Clinical Observations: Dehydration and cold to touch (DG 1). Body Weights: Body weight loss of 23 g from DG 0 to DG 1. Feed Consumption: Feed consumption reduced from DG 0 to DG 1. Necropsy Observations: All tissues appeared normal. Uterine Contents: Pregnancy status could not be confirmed due to early gestational age.
	23955	DG 2	Scheduled Euthanasia – Early Termination	2	Clinical Observations: Rales (DG 1); and dehydration (DGs 1 and 2). Body Weights: Body weight loss of 6 g from DG 0 to DG 1. Feed Consumption: Feed consumption reduced from DG 0 to DG 2. Necropsy Observations: All tissues appeared normal. Uterine Contents: Pregnancy status could not be confirmed due to early gestational age.

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Dosage Group	Rat Number	Day of Gestation	Mode of Death	Number of Doses Administered	Clinical Observations, Body Weights, Feed Consumption, Necropsy Observations and Uterine Contents
500 MKD	23954	DG 2	Scheduled Euthanasia – Early Termination	2	Clinical Observations: Urine-stained abdominal fur and dehydration (DGs 0 and 1); ungroomed coat, cold to touch, and decreased motor activity (DG 1). Body Weights: Body weight loss of 34 g from DG 0 to DG 2. Feed Consumption: Feed consumption reduced from DG 0 to DG 2. Necropsy Observations: Stomach distended with gas; all other tissues appeared normal. Uterine Contents: Pregnancy status could not be confirmed due to early gestational age.
	23953	DG 2	Found Dead	2	Clinical Observations: Urine-stained abdominal fur (DGs 0 to 1); rales, dehydration, cold to touch, pale extremities, ptosis and decreased motor activity (DG 1). Body Weights: Body weight loss of 33 g from DG 0 to DG 1. Feed Consumption: Feed consumption reduced from DG 0 to DG 1. Necropsy Observations: Stomach distended with gas; all other tissues appeared normal. Uterine Contents: Pregnancy status could not be confirmed due to early gestational age.
	23952	DG 2	Scheduled Euthanasia – Early Termination	2	Clinical Observations: Dehydration and cold to touch (DGs 1 and 2); ungroomed coat and decreased motor activity (DG 2). Body Weights: Body weight loss of 39 g from DG 0 to DG 2. Feed Consumption: Feed consumption reduced from DG 0 to DG 2. Necropsy Observations: Stomach distended with gas; all other tissues appeared normal. Uterine Contents: Pregnancy status could not be confirmed due to early gestational age.

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Dosage Group	Rat Number	Day of Gestation	Mode of Death	Number of Doses Administered	Clinical Observations, Body Weights, Feed Consumption, Necropsy Observations and Uterine Contents
500 MKD	23951	DG 2	Found Dead	2	Clinical Observations: Urine-stained abdominal fur (DGs 0 and 1) and dehydration (DG 1). Body Weights: Body weight loss of 30 g from DG 0 to DG 1. Feed Consumption: Feed consumption reduced from DG 0 to DG 1. Necropsy Observations: Thymus contained red areas too numerous to count, ranging in size from pinpoint to 0.2 cm x 0.1 cm; all other tissues appeared normal. Uterine Contents: Pregnancy status could not be confirmed due to early gestational age.
270 MKD	23950	DG 3	Found Dead	3	Clinical Observations: Rales (DG 0); dehydration and cold to touch (DGs 1 and 2); urine-stained abdominal fur and ungroomed coat (DG 2). Body Weights: Body weight loss of 36 g from DG 0 to DG 2. Feed Consumption: Feed consumption reduced from DG 0 to DG 1. Necropsy Observations: All tissues appeared normal. Uterine Contents: Pregnancy status could not be confirmed due to early gestational age.

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Dosage Group	Rat Number	Day of Gestation	Mode of Death	Number of Doses Administered	Clinical Observations, Body Weights, Feed Consumption, Necropsy Observations and Uterine Contents
270 MKD	23947	DG 5	Found Dead	5	Clinical Observations: Urine-stained abdominal fur (DGs 1 through 3); cold to touch (DGs 1 through 4); dehydration (DGs 1 through 5); ungroomed coat (DGs 2 through 4); pale extremities, and decreased motor activity (DG 3). Body Weights: Body weight loss of 30 g from DG 0 to DG 4. Feed Consumption: Feed consumption reduced from DG 0 to DG 1. Necropsy Observations: Stomach distended with gas; all lobes of the lungs mottled red and dark red; lungs appeared to be inflated prior to perfusion; trachea and esophagus contained a pink foamy substance; all other tissues appeared normal. Uterine Contents: Pregnancy status could not be confirmed due to early gestational age.
	23946	DG 3	Found Dead	4	Clinical Observations: Urine-stained abdominal fur (DG 0, 2 and 3); dehydration and cold to touch (DGs 1 through 3); rales (DG 2); ungroomed coat, bradypnea, perioral substance, pale extremities, discoloration, ptosis, perinasal substance, decreased motor activity, and impaired righting reflex (DG 3). Body Weights: Body weight loss of 60 g from DG 0 to DG 3. Feed Consumption: Feed consumption reduced from DG 0 to DG 1. Necropsy Observations: Stomach distended with gas; spleen appeared small; mucosal surface of the fundic region of the stomach contained red areas too numerous to count ranging in size from pinpoint to 0.4 to 0.5 cm; renal pelvis of both kidneys red; both adrenals red; abdominal adipose tissue pink; all other tissues appeared normal. Uterine Contents: Pregnancy status could not be confirmed due to early gestational age.

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Dosage Group	Rat Number	Day of Gestation	Mode of Death	Number of Doses Administered	Clinical Observations, Body Weights, Feed Consumption, Necropsy Observations and Uterine Contents
270 MKD	23945	DG 21	Unscheduled Euthanasia	22	Clinical Observations: Ungroomed coat (DGs 0, 1 and 2); dehydration (DGs 1 through 4 and 21); urine-stained abdominal fur (DGs 2, 4 and 6); cold to touch (DGs 3 through 6 and 21); rales (DG 4); red perioral substance, pale extremities, low carriage and decreased motor activity (DG 21). Body Weights: Body weight loss of 36 g from DG 19 to DG 21. Feed Consumption: Feed consumption reduced from DG 19 to DG 21. Necropsy Observations: All tissues appeared normal. Uterine Contents: There were 12 dead fetuses and one early resorption <i>in utero</i>. All fetuses appeared normal for developmental age.
	23941	DG 3	Found Dead	3	Clinical Observations: Dried feces, urine-stained abdominal fur, dehydration, cold to touch, pale extremities, lacrimation and decreased motor activity (DG 2). Body Weights: Body weight loss of 55 g from DG 0 to DG 2. Feed Consumption: Feed consumption reduced from DG 0 to DG 2. Necropsy Observations: All tissues appeared normal. Uterine Contents: Pregnancy status could not be confirmed due to early gestational age.

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Dosage Group	Rat Number	Day of Gestation	Mode of Death	Number of Doses Administered	Clinical Observations, Body Weights, Feed Consumption, Necropsy Observations and Uterine Contents
10 MKD	23919	DG 23	Unscheduled Euthanasia	23	Clinical Observations: Localized alopecia on limbs (DGs 14 through 16); alopecia no longer apparent (DG 17); cold to touch, pale extremities, perivaginal substance (DG 23). Body Weights: Body weight gain of 152 g from DG 0 to DG 23. Feed Consumption: Feed consumption reduced from DG 22 to DG 23. Necropsy Observations: Red gelatinous material present in the right horn of the uterus at the cervix; all other tissues appeared normal. Uterine Contents: There were 2 live and 14 dead fetuses in utero. One fetus had the left hindlimb rotated medially; all other fetuses appeared normal for developmental age.

Clinical Observations

Clinical observations in rats in the 500 mg/kg/day dosage group were described previously in the mortality table. Clinical signs observed in rats in the 270 mg/kg/day dosage group included decreased motor activity, impaired righting reflex, chromorhinorrhea, ptosis, lacrimation, perinasal substance, low carriage, dehydration, cold to touch, pale extremities, discoloration, perioral substance, rales, bradypnea, urine-stained abdominal fur, ungroomed coat and dried feces; all of these signs were attributed to treatment with the test article because the signs occurred in the highest surviving dosage group. Urine-stained abdominal fur was also observed in the 90 mg/kg/day dosage group and was attributed to MTDID 6675.

Cold to touch and pale extremities were observed in the 10 mg/kg/day dosage group but were not attributed to MTDID 6675 because: 1) the incidences of these clinical signs in this dosage group did not demonstrate a dosage-dependent pattern of effect; and 2) both clinical signs occurred in only one rat in this group.

Chromodacryorrhea, perivaginal substance, sparse hair coat (limbs, back and/or underside) and soft or liquid feces were observed in the 0 (Vehicle), 10, 30 and 90 mg/kg/day dosage groups and were not attributed to MTDID 6675 because: 1) the incidences for these findings did not demonstrate a dosage-dependent pattern of effect; and/or 2) the clinical sign occurred in a limited number of rats in any dosage group.

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During the lactation period, sparse hair coat (limbs, back and/or underside) and localized alopecia (limbs) were observed in the 0 (Vehicle), 10, 30 and/or 90 mg/kg/day dosage groups. These clinical observations were not attributed to treatment with MTDID 6675 because: 1) the signs were observed after completion of the dosage period; and 2) the incidences of these findings did not demonstrate a dosage-dependent pattern of effect.

Necropsy Observations

With the exception of gross lesions described previously in the mortality table, necropsy examinations revealed no additional gross lesions.

Body Weights/Body Weight Changes

Following the initiation of the dosage period, an overall body weight loss occurred on DGs 0 through 3, and body weight gains were reduced on DGs 3 through 6 in the 270 mg/kg/day dosage group, in comparison with the respective control group values. However, body weight gain began to rebound in this dosage group on DGs 6 through 9.

Reductions in body weight gains also occurred in the 90 mg/kg/day dosage group on DGs 0 through 3 and DGs 6 through 9, in comparison with the respective control group values.

Body weight gains were reduced in the 90 and 270 mg/kg/day dosage groups during the overall gestation dosage period (calculated as DGs 0 through 20). On DG 20, mean body weights were 97.8%, 98.7%, 96.4% and 85.7% of the control group value in the 10, 30, 90 and 270 mg/kg/day dosage groups, respectively.

During the overall lactation period (calculated as DLs 1 through 6), body weight gains were increased over the control group value in the 90 and 270 mg/kg/day dosage groups. On DL 6, mean body weights were 98.6%, 101.1%, 98.4% and 95.7% of the control group value, in the 10, 30, 90 and 270 mg/kg/day dosage groups, respectively.

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Absolute (g/day) and Relative (g/kg/day) Feed Consumption Values

Absolute (g/day) and relative (g/kg/day) feed consumption values could not be recorded accurately for the 270 mg/kg/day dosage group on DGs 0 through 3 and 3 through 6 because the rats in this dosage group were provided with moistened feed during these periods at the recommendation of the veterinary staff.

Absolute (g/day) and relative (g/kg/day) feed consumption values were reduced in the 90 and 270 mg/kg/day dosage groups during the gestation dosage period (calculated as DGs 0 through 20), in comparison with the respective control group values, as well as most of the intervals within the gestation dosage period.

During the overall gestation dosage period (calculated as DGs 0 through 20), absolute feed consumption values were 99.1%, 100.0%, 94.1% and 82.9% and relative feed consumption values were 100.5%, 100.6%, 96.1% and 93.0% of the control group means in the 10, 30, 90 and 270 mg/kg/day dosage groups, respectively.

Absolute and relative feed consumption values were reduced during the overall lactation period (calculated as DLs 1 through 6) in the 10, 30, 90 and 270 mg/kg/day dosage groups, in comparison with the respective control group values. On DLs 1 through 6, absolute feed consumption values were 92.0%, 92.6%, 92.0%, and 76.1% and relative feed consumption values were 91.6%, 90.7%, 93.7% and 79.8% of the control group value, in the 10, 30, 90 and 270 mg/kg/day dosage groups, respectively.

Natural Delivery and Litter Parameters

Nine, eight, ten, ten and five dams delivered litters with one or more liveborn pups in the 0 (Vehicle), 10, 30, 90 and 270 mg/kg/day dosage groups, respectively. There were 2, 3, 2, 1 and 1 dams with stillborn pups in each of the 0 (Vehicle), 10, 30, 90 and 270 mg/kg/day dosage groups, respectively. One dam in the control group and two dams in the 270 mg/kg/day dosage group had all pups die between DLs 1 through 4.

The numbers of stillborn pups, pups found dead or presumed cannibalized on DL 1 and on DLs 2 through 4 were increased, and the number of liveborn pups, viability index, the number of surviving pups on DLs 1, 4 and 6, live litter sizes and pup weights per litter on DLs 1, 4 and 6 were reduced in the 270 mg/kg/day dosage group, in comparison with the respective control group values. Mean pup weights per litter were also reduced in the 90 mg/kg/day dosage group on DLs 1, 4 and 6.

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Mean length of parturition was reduced in the 270 mg/kg/day dosage group, in comparison with the control group mean. Information on the length of parturition is included below in the table.

Parturition Parameters – Mean ± S.D. (minutes)						
Dosage Level (mg/kg/day)	0 (Vehicle)	10	30	90	270	500
Number of Rats Per Group	10	10	10	10	10	10
Number Mated	10	10	10	10	10	10
Number Pregnant	9	9	10	10	6	Not applicable
Length of Parturition (N)	7.57±2.57 (2)	13.00±6.55 (5)	9.98±1.24 (4)	9.27±2.86 (5)	5.04±1.83 (2)	Not applicable
Time Between Deliveries – Partial (N)	9.90±4.06 (6)	19.99±10.90 (3)	9.63±3.71 (6)	8.96±3.04 (5)	6.18±0.0 (1)	Not applicable
Time Between Deliveries – Complete (N)	7.57±2.57 (2)	13.00±6.55 (5)	9.98±1.24 (4)	9.27±2.86 (5)	5.04±1.83 (2)	Not applicable
N – Number of dams evaluated						

Pup weights per litter were considered reduced in the 90 and 270 mg/kg/day dosage groups. On PND 1, average pup weights were 96.8%, 93.7%, 87.3% and 73.0% of the control group value, and on PND 6, average pup weights were 100.9%, 99.1%, 90.1% and 74.8% for the 10, 30, 90 and 270 mg/kg/day dosage groups, respectively. The values in the 90 and 270 mg/kg/day dosage groups on DL 1 (5.5 and 4.6, respectively) were below the historical control range (6.0g to 6.8 g) for this Testing Facility based on data collected from June 2004 to January 2006.

The duration of gestation was generally comparable among the dosage groups.

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Clinical and Necropsy Observations – F1 Generation Pups

Two pups from two litters in the 270 mg/kg/day dosage group had body regions that were discolored purple; the lower midline, both hindlimbs and tail were discolored purple in one pup, and the right hindlimb and hindpaw were discolored purple in the other pup. The nose was discolored purple in three pups from one litter in 30 mg/kg/day dosage group.

One pup from the 10 mg/kg/day dosage group and two littermates in the 90 mg/kg/day dosage group were cold to touch. One of the two pups from the 90 mg/kg/day dosage group was also observed on DL 4 as pale, not nesting and not nursing.

One pup from the 30 mg/kg/day dosage group was missing the tip of the tail.

Purple discoloration of body regions in the pups in the 270 mg/kg/day dosage group was attributed to MTDID 6675 because: 1) the clinical observation occurred in the highest surviving dosage group; and 2) the discoloration was more extensive in these pups. All other clinical observations were not attributed to treatment with the test article because the incidences did not demonstrate a dosage-dependent pattern of effect.

All other pups appeared normal.

Among pups that were found dead, 0, 0, 1, 1 and 10 pups in the 0 (Vehicle), 10, 30, 90 and 270 mg/kg/day dosage groups, respectively, had no milk present in the stomach. The increased incidence in the 270 mg/kg/day dosage group was attributed to MTDID 6675.

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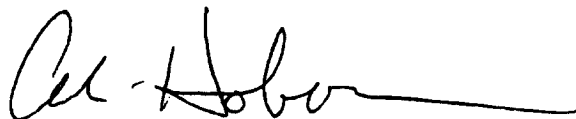
Conclusion

Mortalities, adverse clinical signs and decreases in maternal body weight and feed consumption occurred during gestation at 90 and/or 270 mg/kg/day; body weight rebounded during the lactation period in these dosage groups, but feed consumption remained reduced. A reduction in pup weight occurred in the 90 mg/kg/day dosage group, and doses of 270 mg/kg/day also produced reproductive and developmental toxicity as evidenced by shortened parturition time, pup death and decreased pup weights.

Therefore the no-observable-adverse-effect-level (NOAEL) for both maternal toxicity and developmental toxicity was 30 mg/kg/day of MTDID 6675.

If you have any questions, please do not hesitate to contact me.

Sincerely,



Alan M. Hoberman, Ph.D., DABT, Fellow ATS
Director of Research
Study Director

AMH:mbc
Attachments

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ARGUS RESEARCH LABORATORIES, INC.

PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 1 (PAGE 1): CLINICAL OBSERVATIONS - SUMMARY

DOSAGE GROUP	TABLE RANGE : GESTATION PERIOD										
	I	II	III	IV	V	VI					
MAXIMUM POSSIBLE INCIDENCE	219/ 10	223/ 10	213/ 10	212/ 10	148/ 10	25/ 10					
APPEARS NORMAL	211/ 10	167/ 9	203/ 10	162/ 9	118/ 10	9/ 9					
FOUND DEAD	0	0	0	0	4	2					
SCHEDULE SACRIFICED	0	0	0	0	0	8					
UNSCHEDULED SACRIFICED	0	1	0	0	1	0					
SACRIFICED - DAY 25 OF (PRESUMED) GESTATION	1	1	0	0	0	0					
DECREASED MOTOR ACTIVITY	0/ 0	0/ 0	0/ 0	0/ 0	4/ 4	4/ 4					
IMPAIRED RIGHTING REFLEX	0/ 0	0/ 0	0/ 0	0/ 0	1/ 1	0/ 0					
CHROMODACRYORRHEA	0/ 0	1/ 1	0/ 0	0/ 0	0/ 0	0/ 0					
CHROMORRHOINORRHEA	0/ 0	0/ 0	0/ 0	0/ 0	1/ 1	1/ 1					
PTOSIS	0/ 0	0/ 0	0/ 0	0/ 0	1/ 1	0/ 0					
LACRIMATION	0/ 0	0/ 0	0/ 0	0/ 0	1/ 1	0/ 0					
PERINASAL SUBSTANCE	0/ 0	0/ 0	0/ 0	0/ 0	1/ 1	0/ 0					
LOW CARRIAGE	0/ 0	0/ 0	0/ 0	0/ 0	1/ 1	0/ 0					
DEHYDRATION	0/ 0	0/ 0	0/ 0	0/ 0	1/ 1	0/ 0					
COLD TO TOUCH	0/ 0	0/ 0	0/ 0	0/ 0	34/ 10	11/ 8					
PALE EXTREMITIES	0/ 0	1/ 1	0/ 0	0/ 0	34/ 10	10/ 7					
HUNCHED POSTURE	0/ 0	1/ 1	0/ 0	0/ 0	4/ 4	1/ 1					
DISCOLORATION	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/ 1					
DELIVERING - NOT DOSED	0/ 0	1/ 1	0/ 0	0/ 0	0/ 0	0/ 0					
DELIVERING	0/ 0	2/ 2	1/ 1	0/ 0	0/ 0	0/ 0					
PERIVAGINAL SUBSTANCE	0/ 0	1/ 1	0/ 0	0/ 0	0/ 0	0/ 0					
ALOPECIA NO LONGER APPARENT	0/ 0	1/ 1	0/ 0	0/ 0	0/ 0	0/ 0					
PERIORAL SUBSTANCE	0/ 0	0/ 0	0/ 0	0/ 0	2/ 2	0/ 0					
RALES	0/ 0	0/ 0	0/ 0	0/ 0	6/ 6	3/ 3					
BRADYPNEA	0/ 0	0/ 0	0/ 0	0/ 0	1/ 1	0/ 0					
URINE-STAINED ABDOMINAL FUR	0/ 0	0/ 0	0/ 0	0/ 0	18/ 9	9/ 5					
UNGROOMED COAT	0/ 0	0/ 0	0/ 0	0/ 0	11/ 6	2/ 2					
SPARSE HAIR COAT: LIMB(S)	0/ 0	32/ 3	0/ 0	0/ 0	0/ 0	0/ 0					
LOCALIZED ALOPECIA: LIMB(S)	1/ 1	23/ 2	10/ 1	43/ 3	0/ 0	4/ 2					
SPARSE HAIR COAT: BACK	0/ 0	0/ 0	0/ 0	17/ 1	0/ 0	0/ 0					
SPARSE HAIR COAT: UNDERSIDE	8/ 1	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0					
DRIED FECES	0/ 0	0/ 0	0/ 0	0/ 0	1/ 1	0/ 0					
SOFT OR LIQUID FECES	0/ 0	0/ 0	0/ 0	1/ 1	0/ 0	0/ 0					

N/N - TOTAL NUMBER OF OBSERVATIONS/NUMBER OF ANIMALS WITH THE OBSERVATION
MAXIMUM POSSIBLE INCIDENCE - (DAYS x ANIMALS)/NUMBER OF ANIMALS EXAMINED PER GROUP

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PROTOCOL 2XA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 2 (PAGE 1): CLINICAL OBSERVATIONS - SUMMARY

DOSAGE GROUP	TABLE RANGE : LACTATION PERIOD					
	I	II	III	IV	V	VI
MAXIMUM POSSIBLE INCIDENCE	49/ 9	48/ 8	60/ 10	60/ 10	20/ 5	0/ 0
APPEARS NORMAL	37/ 7	30/ 5	53/ 9	42/ 7	20/ 5	0/ 0
SCHEDULE SACRIFICED	8	8	10	10	3	0
SACRIFICED - NO SURVIVING PUPS	1	0	0	0	2	0
DELIVERING - NOT DOSED	5/ 5	4/ 4	6/ 6	4/ 4	1/ 1	0/ 0
DELIVERING	1/ 1	1/ 1	3/ 3	4/ 4	1/ 1	0/ 0
SPARSE HAIR COAT: LIMB(S)	1/ 1	12/ 2	0/ 0	1/ 1	0/ 0	0/ 0
LOCALIZED ALOPECIA: LIMB(S)	6/ 1	6/ 1	7/ 2	18/ 3	0/ 0	0/ 0
SPARSE HAIR COAT: BACK	0/ 0	0/ 0	0/ 0	6/ 1	0/ 0	0/ 0
SPARSE HAIR COAT: UNDERSIDE	6/ 1	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0

N/N = TOTAL NUMBER OF OBSERVATIONS/NUMBER OF ANIMALS WITH THE OBSERVATION

MAXIMUM POSSIBLE INCIDENCE = (DAYS x ANIMALS)/NUMBER OF ANIMALS EXAMINED PER GROUP

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PROTOCOL ZXA00077: ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTID 6675 IN RATS (SPONSOR'S REFERENCE NUMBER: 06-376)

TABLE 3 (PAGE 1): NECROPSY OBSERVATIONS - SUMMARY - F0 GENERATION FEMALE RATS
(See footnotes on the last page of this table.)

DOSAGE GROUP	I	II	III	IV	V	IV
DOSAGE (MG/KG/DAY) ^a	0 (VEHICLE)	10	30	90	270	500
RATS EXAMINED	N 10	10	10	10	10	10
MORTALITY	N 0	1	0	0	5	10
FOUND DEAD	N 0	0	0	0	4b-e	2f,g
UNSCHEDULED SACRIFICE	N 0	1h	0	0	1i	8j-q
APPEARED NORMAL	N 10	9	10	10	8	5
UTERUS:						
RIGHT HORN, AT CERVIX, RED	N 0	1h	0	0	0	0
GELATINOUS MATERIAL	N 0	0	0	0	0	0
STOMACH:						
DISTENDED WITH GAS	N 0	0	0	0	2c,d	3g,j,k
FUNDIC REGION, MUCOSAL SURFACE,	N 0	0	0	0	1c	0
NUMEROUS RED AREAS	N 0	0	0	0	1c	0
SPLEEN:						
SMALL	N 0	0	0	0	1c	1q
KIDNEYS:						
BILATERAL, PELVIS, RED.	N 0	0	0	0	1c	0
ADRENAL GLANDS:						
BILATERAL, RED	N 0	0	0	0	1c	0
ABDOMINAL ADIPOSE:						
PINK	N 0	0	0	0	1c	0
LUNGS:						
ALL LOBES, MOTTLED RED AND	N 0	0	0	0	1d	0
DARK RED	N 0	0	0	0	1d	0
APPEARED TO BE INFLATED PRIOR	N 0	0	0	0	1d	0
TO PERFUSION	N 0	0	0	0	1d	0

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PROTOCOL ZXA00077: ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS (SPONSOR'S REFERENCE NUMBER: 06-376)

TABLE 3 (PAGE 2): NECROPSY OBSERVATIONS - SUMMARY - F0 GENERATION FEMALE RATS

DOSAGE GROUP	I	II	III	IV	V	IV
DOSAGE (MG/KG/DAY) a	0 (VEHICLE)	10	30	90	270	500
RATS EXAMINED	N 10	10	10	10	10	10
MORTALITY	N 0	1	0	0	5	10
FOUND DEAD	N 0	0	0	0	4b-e	2f,g
UNSCHEDULED SACRIFICE	N 0	1h	0	0	1i	8j-q
TRACHEA AND ESOPHAGUS:						
CONTAINED PINK FOAMY SUBSTANCE	N 0	0	0	0	1d	0
THYMUS:						
NUMEROUS RED AREAS	N 0	0	0	0	0	1f

a. Dosage occurred on day 0 of presumed gestation through the day of delivery.

b. Rat 23941 was found dead on day 3 of presumed gestation.

c. Rat 23946 was found dead on day 3 of presumed gestation.

d. Rat 23947 was found dead on day 5 of presumed gestation.

e. Rat 23950 was found dead on day 3 of presumed gestation.

f. Rat 23951 was found dead on day 2 of presumed gestation.

g. Rat 23953 was found dead on day 2 of presumed gestation.

h. Dam 23919 was sacrificed on day 23 of gestation due to adverse clinical observations.

i. Dam 23945 was sacrificed on day 21 of gestation due to adverse clinical observations.

j. Rat 23952 was sacrificed on day 2 of presumed gestation due to adverse clinical observations.

k. Rat 23954 was sacrificed on day 2 of presumed gestation due to adverse clinical observations.

l. Rat 23955 was sacrificed on day 2 of presumed gestation due to adverse clinical observations.

m. Rat 23956 was sacrificed on day 1 of presumed gestation due to adverse clinical observations.

n. Rat 23957 was sacrificed on day 1 of presumed gestation due to adverse clinical observations.

o. Rat 23958 was sacrificed on day 1 of presumed gestation due to adverse clinical observations.

p. Rat 23959 was sacrificed on day 1 of presumed gestation due to adverse clinical observations.

q. Rat 23960 was sacrificed on day 1 of presumed gestation due to adverse clinical observations.

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PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 4 (PAGE 1): MATERNAL BODY WEIGHTS - GESTATION - SUMMARY

DOSAGE GROUP		I						II		III		IV		V		VI	
DOSAGE		0 (VEHICLE) MKD						10 MKD		30 MKD		90 MKD		270 MKD		500 MKD	
RATS TESTED		10						10		10		10		10		10	
PREGNANT		N(%)						9(90.0)		10(100.0)		10(100.0)		6(60.0)		0	
MATERNAL BODY WEIGHT (G)																	
DAY	0	MEAN±S.D.						233.1 ± 10.4		233.4 ± 13.9		233.2 ± 10.9		237.4 ± 10.9		235.8 ± 11.9	
DAY	3	MEAN±S.D.						247.0 ± 9.7		250.1 ± 13.9		247.4 ± 10.5		245.8 ± 10.0		218.3 ± 8.3	
DAY	6	MEAN±S.D.						260.9 ± 13.1		262.6 ± 14.4		263.5 ± 13.4		259.1 ± 9.2		227.7 ± 9.8	
DAY	9	MEAN±S.D.						276.2 ± 16.4		273.8 ± 16.1		278.0 ± 12.9		269.2 ± 12.2		246.5 ± 8.0	
DAY	12	MEAN±S.D.						297.9 ± 17.0		291.3 ± 16.6		293.5 ± 17.5		288.6 ± 15.8		268.3 ± 7.3	
DAY	15	MEAN±S.D.						321.7 ± 19.6		314.6 ± 18.7		318.3 ± 20.1		311.4 ± 18.3		287.2 ± 11.0	
DAY	18	MEAN±S.D.						353.3 ± 24.5		347.7 ± 22.6		352.4 ± 19.0		344.4 ± 25.8		313.2 ± 14.9	
DAY	20	MEAN±S.D.						386.0 ± 24.3		377.7 ± 24.3		381.0 ± 25.3		372.2 ± 27.3		330.8 ± 26.4	

THIS TABLE RESTRICTED TO PREGNANT ANIMALS.
DAY - DAY OF GESTATION

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(SPONSOR'S REFERENCE NO. 06-376)

TABLE 5 (PAGE 1): MATERNAL BODY WEIGHT CHANGES - GESTATION - SUMMARY

DOSAGE GROUP	I						II		III		IV		V		VI	
DOSAGE	0 (VEHICLE)						MKD 10 MKD		30 MKD		90 MKD		270 MKD		500 MKD	
RATS TESTED	10						10		10		10		10		10	
PREGNANT	9 (90.0)						9 (90.0)		10 (100.0)		10 (100.0)		6 (60.0)		0	
MATERNAL BODY WEIGHT CHANGE (G)	N (%)						N (%)		N (%)		N (%)		N (%)		N (%)	
DAYS 0 - 3	MEAN±S.D.						+13.9 ± 5.7		+16.7 ± 6.8		+14.2 ± 6.6		+8.4 ± 7.0		-17.5 ± 14.5	
DAYS 3 - 6	MEAN±S.D.						+13.9 ± 4.6		+12.4 ± 4.5		+16.1 ± 5.3		+13.3 ± 5.9		+9.3 ± 6.6	
DAYS 6 - 9	MEAN±S.D.						+15.3 ± 3.9		+11.2 ± 4.2		+14.5 ± 2.0		+10.1 ± 5.3		+18.8 ± 8.5	
DAYS 9 - 12	MEAN±S.D.						+21.7 ± 5.4		+17.6 ± 6.9		+15.5 ± 10.5		+19.4 ± 8.6		+21.8 ± 2.3	
DAYS 12 - 15	MEAN±S.D.						+23.8 ± 3.7		+23.2 ± 6.8		+24.8 ± 7.5		+22.8 ± 8.7		+18.8 ± 5.9	
DAYS 15 - 18	MEAN±S.D.						+31.7 ± 11.0		+33.1 ± 4.6		+34.1 ± 6.9		+33.0 ± 8.2		+26.0 ± 4.9	
DAYS 18 - 20	MEAN±S.D.						+32.7 ± 10.2		+30.0 ± 4.3		+28.6 ± 10.3		+27.8 ± 7.0		+17.7 ± 12.9	
DAYS 0 - 20	MEAN±S.D.						+152.9 ± 15.4		+144.2 ± 17.0		+147.8 ± 25.5		+134.8 ± 23.3		+95.0 ± 20.6	

THIS TABLE RESTRICTED TO PREGNANT ANIMALS.

DAYS - DAYS OF GESTATION

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TABLE 6 (PAGE 1): MATERNAL BODY WEIGHTS - LACTATION - SUMMARY

DOSAGE		0 (VEHICLE) MKD						90 MKD						270 MKD						500 MKD					
ANIMALS - TESTED		10						10						10						10					
PREGNANT	N(%)	9 (90.0)						10 (100.0)						10 (100.0)						6 (60.0)					
DELIVERED	N(%)	9 (100.0)						10 (100.0)						10 (100.0)						5 (83.3)					
MATERNAL BODY WEIGHT (G)																									
DAY 1	MEAN±S.D.	289.1 ± 18.4						285.6 ± 17.8						291.4 ± 13.9						276.7 ± 18.2					
DAY 2	MEAN±S.D.	283.0 ± 16.3 [8]						283.2 ± 21.9						285.1 ± 12.9						273.6 ± 20.1					
DAY 3	MEAN±S.D.	286.0 ± 19.0 [8]						285.6 ± 20.7						291.6 ± 15.4						282.1 ± 19.3					
DAY 4	MEAN±S.D.	293.5 ± 19.2 [8]						293.6 ± 25.0						292.6 ± 13.9						286.2 ± 19.6					
DAY 5	MEAN±S.D.	298.6 ± 17.5 [8]						297.9 ± 24.6						301.7 ± 15.5						290.2 ± 20.2					
DAY 6	MEAN±S.D.	313.8 ± 15.3 [8]						309.4 ± 24.8						317.4 ± 15.3						308.9 ± 21.8					

THIS TABLE RESTRICTED TO ANIMALS DELIVERING NATURALLY.
 () Number of values averaged. Animals with no surviving pups excluded.

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TABLE 8 (PAGE 1): MATERNAL ABSOLUTE FEED CONSUMPTION VALUES (G/DAY) - GESTATION - SUMMARY

THIS TABLE RESTRICTED TO PREGNANT ANIMALS.

TABLE 1. - DATA OF OBSERVATION

a. Rats were provided with moistened feed; feed consumption values not recorded.

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PROTOCOL 2XA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 9 (PAGE 1): MATERNAL RELATIVE FEED CONSUMPTION VALUES (G/KG/DAY) - GESTATION - SUMMARY

DOSAGE GROUP		I			II		III		IV		V		VI
DOSAGE	0	(VEHICLE)	MKD	10 MKD	90 MKD	30 MKD	90 MKD	270 MKD	500 MKD				
RATS TESTED	N	10	10	10	10	10	10	10	10	10	10	10	10
PREGNANT	N(%)	9(90.0)	9(90.0)	10(100.0)	10(100.0)	10(100.0)	5(60.0)	0					
MATERNAL FEED CONSUMPTION (G/KG/DAY)													
DAYS 0 - 3	MEAN±S.D.	78.6 ± 5.2	80.3 ± 6.4	77.0 ± 7.7	75.6 ± 10.3								
DAYS 3 - 6	MEAN±S.D.	83.3 ± 7.3	89.4 ± 5.9	87.9 ± 9.2	80.4 ± 9.2								
DAYS 6 - 9	MEAN±S.D.	89.3 ± 12.6	82.3 ± 8.6	88.4 ± 8.2	79.8 ± 7.5								
		[8]											
DAYS 9 - 12	MEAN±S.D.	84.4 ± 11.7	86.9 ± 6.7	84.6 ± 5.6	81.8 ± 9.3								
DAYS 12 - 15	MEAN±S.D.	85.5 ± 5.9	86.3 ± 8.0	83.1 ± 5.6	83.5 ± 10.6								
				[9]									
DAYS 15 - 18	MEAN±S.D.	75.1 ± 9.7	73.8 ± 5.2	75.7 ± 10.5	75.7 ± 9.2								
DAYS 18 - 20	MEAN±S.D.	64.4 ± 7.6	64.1 ± 8.0	63.8 ± 10.3	60.6 ± 6.2								
DAYS 0 - 20	MEAN±S.D.	80.0 ± 3.3	80.4 ± 4.2	80.5 ± 6.0	76.9 ± 6.4								

THIS TABLE RESTRICTED TO PREGNANT ANIMALS.

DAYS - DAYS OF GESTATION

[] = NUMBER OF VALUES AVERAGED

a. Rats were provided with moistened feed; feed consumption values not recorded.

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PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 10 (PAGE 1): MATERNAL ABSOLUTE FEED CONSUMPTION VALUES (G/DAY) - LACTATION - SUMMARY

DOSAGE	0 (VEHICLE) MKD						500 MKD					
	10	10	30 MKD	90 MKD	10	10	270 MKD	10	10	10	10	10
ANIMALS - TESTED												
PREGNANT	N(%)	9(90.0)	9(90.0)	10(100.0)	10(100.0)	6(60.0)	0					
DELIVERING LITTERS	N(%)	9(100.0)	8(88.9)	10(100.0)	10(100.0)	5(83.3)	0					
MATERNAL FEED CONSUMPTION (g/day)												
DAYS 1 - 2	MEAN±S.D. [7]	20.8 ± 6.2	19.0 ± 6.8	16.7 ± 4.5	15.1 ± 5.8	14.7 ± 2.1						
DAYS 2 - 3	MEAN±S.D. [8]	29.6 ± 5.0	27.5 ± 3.9	28.2 ± 5.7	28.9 ± 4.8	22.3 ± 4.2						
DAYS 3 - 4	MEAN±S.D. [8]	40.0 ± 7.3	34.1 ± 6.9	32.1 ± 3.6	33.5 ± 6.2	28.7 ± 5.0						
DAYS 4 - 5	MEAN±S.D. [8]	39.9 ± 4.5	39.5 ± 8.4	40.2 ± 6.6	39.6 ± 6.6	35.3 ± 6.6						
DAYS 5 - 6	MEAN±S.D. [8]	44.1 ± 4.9	41.8 ± 6.0	43.7 ± 3.7	44.7 ± 5.2	33.0 ± 4.4						
DAYS 1 - 4	MEAN±S.D. [8]	30.5 ± 3.9	26.9 ± 5.0	25.7 ± 3.9	25.8 ± 4.4	21.9 ± 2.7						
DAYS 4 - 6	MEAN±S.D. [8]	42.0 ± 4.4	40.6 ± 6.3	42.4 ± 4.6	42.2 ± 5.8	34.2 ± 5.0						
DAYS 1 - 6	MEAN±S.D. [8]	35.2 ± 3.5	32.4 ± 5.4	32.6 ± 4.1	32.4 ± 4.8	26.8 ± 3.5						

THIS TABLE RESTRICTED TO ANIMALS DELIVERING NATURALLY.
[] NUMBER OF VALUES AVERAGED

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PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 11 (PAGE 1): MATERNAL RELATIVE FEED CONSUMPTION VALUES (G/KG/DAY) - LACTATION - SUMMARY

DOSAGE	0 (VEHICLE) MKD						30 MKD						90 MKD						270 MKD						500 MKD					
	10						10						10						10						10					
ANIMALS - TESTED																														
PREGNANT	N(%)						9(90.0)						10(100.0)						10(100.0)						6(60.0)					
DELIVERING LITTERS	N(%)						9(100.0)						10(100.0)						10(100.0)						5(83.3)					
MATERNAL FEED CONSUMPTION (g/Kg/day)																														
DAYS 1 - 2	MEAN±S.D. [7]						73.8 ± 23.2 [7]						66.3 ± 22.8						57.8 ± 14.8						54.1 ± 18.8					
DAYS 2 - 3	MEAN±S.D. [8]						104.0 ± 15.7 [8]						96.5 ± 9.4						97.5 ± 18.1						103.9 ± 14.6					
DAYS 3 - 4	MEAN±S.D. [8]						138.5 ± 27.4 [8]						116.9 ± 15.8						110.0 ± 12.1						117.6 ± 18.6					
DAYS 4 - 5	MEAN±S.D. [8]						135.4 ± 18.7 [8]						132.8 ± 21.0						135.0 ± 19.1						136.9 ± 16.9					
DAYS 5 - 6	MEAN±S.D. [8]						144.3 ± 15.7 [8]						137.4 ± 14.4						139.8 ± 11.4						148.9 ± 9.4					
DAYS 1 - 4	MEAN±S.D. [8]						106.4 ± 13.2 [8]						93.1 ± 12.4						88.4 ± 12.3						92.1 ± 11.9					
DAYS 4 - 6	MEAN±S.D. [8]						139.5 ± 16.3 [8]						134.8 ± 13.4						138.1 ± 13.8						142.4 ± 12.6					
DAYS 1 - 6	MEAN±S.D. [8]						120.2 ± 12.4 [8]						110.1 ± 11.6						109.0 ± 13.0						112.6 ± 11.7					

THIS TABLE RESTRICTED TO ANIMALS DELIVERING NATURALLY.
[] NUMBER OF VALUES AVERAGED

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PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 12 (PAGE 1): NATURAL DELIVERY OBSERVATIONS - SUMMARY

DOSAGE	0 (VEHICLE)	MKD 0	MKD 10	MKD 30	MKD 90	MKD 270	MKD 500
DURATION OF GESTATION	MEAN±S.D. [9]	22.4 ± 0.5 [8]	22.6 ± 0.5 [10]	22.3 ± 0.5 [10]	22.2 ± 0.4 [5]	22.6 ± 0.5 [5]	
DAMS WITH STILLBORN PUPS	N (%)	2 (0.0)	3 (0.0)	2 (0.0)	1 (0.0)	1 (0.0)	0
DAMS WITH NO LIVEBORN PUPS	N	0	0	0	0	0	0
DAMS WITH ALL PUPS DYING DAYS 1-4 POSTPARTUM	N (%)	1 (11.1)	0	0	0	2 (40.0)	0

[] - Number of values averaged.

DURATION OF GESTATION - NUMBER OF DAYS FROM DAY 0 OF GESTATION UNTIL THE DAY THE FIRST PUP WAS OBSERVED.
INCLUDES ONLY DAMS WITH CONFIRMED DATES OF MATING.

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(SPONSOR'S REFERENCE NO. 06-376)

TABLE 13 (PAGE 1): LITTER OBSERVATIONS (NATURALLY DELIVERED PUPS) - SUMMARY

DOSAGE	0 (VEHICLE) MKD 10 MKD										30 MKD	90 MKD	270 MKD	500 MKD
DELIVERED LITTERS WITH ONE OR MORE LIVEBORN PUPS	N	9	8	10	10	10	10	10	10	10	10	10	5	0
FUPS DELIVERED (TOTAL)	N	136	110	142	142	142	142	142	142	142	146	146	68	0
	MEAN±S.D.	15.1 ± 1.4	13.8 ± 2.6	14.2 ± 3.8	14.2 ± 3.8	14.2 ± 3.8	14.2 ± 3.8	14.2 ± 3.8	14.2 ± 3.8	14.2 ± 3.8	14.6 ± 2.3	14.6 ± 2.3	13.6 ± 2.8	0
LIVEBORN	MEAN±S.D. N(%)	14.9 ± 1.3 134 (98.5)	13.2 ± 2.4 106 (96.4)	14.0 ± 3.8 140 (98.6)	14.0 ± 3.8 140 (98.6)	14.0 ± 3.8 140 (98.6)	14.0 ± 3.8 140 (98.6)	14.0 ± 3.8 140 (98.6)	14.0 ± 3.8 140 (98.6)	14.0 ± 3.8 140 (98.6)	14.5 ± 2.2 145 (99.3)	14.5 ± 2.2 145 (99.3)	11.0 ± 5.7 55 (80.9)	0
STILLBORN	MEAN±S.D. N(%)	0.2 ± 0.4 2 (1.5)	0.5 ± 0.8 4 (3.6)	0.2 ± 0.4 2 (1.4)	0.2 ± 0.4 2 (1.4)	0.2 ± 0.4 2 (1.4)	0.2 ± 0.4 2 (1.4)	0.2 ± 0.4 2 (1.4)	0.2 ± 0.4 2 (1.4)	0.2 ± 0.4 2 (1.4)	0.1 ± 0.3 1 (0.7)	0.1 ± 0.3 1 (0.7)	2.4 ± 5.4 12 (17.6)	0
UNKNOWN VITAL STATUS	N	0	0	0	0	0	0	0	0	0	0	0	1	0
CULLED	N	0	0	0	0	0	0	0	0	0	0	0	0	0
SACRIFICED	N	16	0	0	0	0	0	0	0	0	0	0	0	0
FUPS FOUND DEAD OR PRESUMED CANNIBALIZED														
DAY 1	N/N(%)	0/134 (0.0)	0/106 (0.0)	0/140 (0.0)	0/140 (0.0)	0/140 (0.0)	0/140 (0.0)	0/140 (0.0)	0/140 (0.0)	0/140 (0.0)	0/145 (0.0)	0/145 (0.0)	21/ 55 (38.2)	0/ 0 (0.0)
DAYS 2- 4	N/N(%)	1/118 (0.8)	1/106 (0.9)	3/140 (2.1)	3/140 (2.1)	3/140 (2.1)	3/140 (2.1)	3/140 (2.1)	3/140 (2.1)	3/140 (2.1)	2/145 (1.4)	2/145 (1.4)	8/ 34 (23.5)	0/ 0 (0.0)
DAYS 5- 6	N/N(%)	0/117 (0.0)	0/105 (0.0)	0/137 (0.0)	0/137 (0.0)	0/137 (0.0)	0/137 (0.0)	0/137 (0.0)	0/137 (0.0)	0/137 (0.0)	0/143 (0.0)	0/143 (0.0)	0/ 26 (0.0)	0/ 0 (0.0)
VIABILITY INDEX a	% N/N	87.3 117/134	99.0 105/106	97.8 137/140	97.8 137/140	97.8 137/140	97.8 137/140	97.8 137/140	97.8 137/140	97.8 137/140	98.6 143/145	98.6 143/145	47.3 26/ 55	0.0 0/ 0

DAY(S) = DAY(S) POSTPARTUM
a. NUMBER OF LIVE PUPS ON DAY 4 POSTPARTUM/NUMBER OF LIVEBORN PUPS ON DAY 1 POSTPARTUM.

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PROTOCOL 2XA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 13 (PAGE 2): LITTER OBSERVATIONS (NATURALLY DELIVERED PUPS) - SUMMARY

DOSAGE		0 (VEHICLE)	MKD 10 MKD	30 MKD	10	10	90 MKD	270 MKD	500 MKD
DELIVERED LITTERS WITH ONE OR MORE LIVEBORN PUPS	N	9	8	10	10	5	0		
SURVIVING PUPS/LITTER a									
DAY 1	MEAN±S.D.	14.9 ± 1.3	13.2 ± 2.4	14.0 ± 3.8	14.5 ± 2.2	11.0 ± 5.7			
DAY 4	MEAN±S.D.	14.6 ± 1.2 [8]	13.1 ± 2.2	13.7 ± 3.6	14.3 ± 2.3	5.2 ± 5.2			
DAY 6	MEAN±S.D.	14.6 ± 1.2 [8]	13.1 ± 2.2	13.7 ± 3.6	14.3 ± 2.3	5.2 ± 5.2			
PERCENT MALE PUPS PER NUMBER OF PUPS SEXED									
DAY 1	MEAN±S.D.	50.8 ± 10.3	44.2 ± 14.1	41.9 ± 17.1	51.8 ± 12.4	58.9 ± 26.3			
DAY 4	MEAN±S.D.	51.9 ± 10.8 [8]	44.4 ± 13.8	42.0 ± 17.2	51.3 ± 12.3	43.0 ± 13.4 [3]			
DAY 6	MEAN±S.D.	51.9 ± 10.8 [8]	44.4 ± 13.8	42.0 ± 17.2	51.3 ± 12.3	43.0 ± 13.4 [3]			

[] = Number of values averaged.

DAY = DAY POSTPARTUM

a.. AVERAGE NUMBER OF LIVE PUPS PER LITTER, INCLUDING LITTERS WITH NO SURVIVING PUPS.

TSCA SANITIZED

PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 13 (PAGE 3): LITTER OBSERVATIONS (NATURALLY DELIVERED PUPS) - SUMMARY

DOSAGE		0 (VEHICLE) MKD 10 MKD										270 MKD	500 MKD
DELIVERED LITTERS WITH ONE OR MORE LIVEBORN PUPS		N	9	8	10	10	10	10	10	10	10	5	0
LIVE LITTER SIZE AT WEIGHING													
DAY 1	MEAN±S.D.		14.6 ± 1.3 [8]	13.2 ± 2.4	14.0 ± 3.8	14.5 ± 2.2	10.0 ± 6.0 [4]						
DAY 4	MEAN±S.D.		14.6 ± 1.2 [8]	13.1 ± 2.2	13.7 ± 3.6	14.3 ± 2.3	8.7 ± 3.0 [3]						
DAY 6	MEAN±S.D.		14.6 ± 1.2 [8]	13.1 ± 2.2	13.7 ± 3.6	14.3 ± 2.3	8.7 ± 3.0 [3]						
PUP WEIGHT/LITTER (GRAMS)													
DAY 1	MEAN±S.D.		6.3 ± 0.5 [8]	6.1 ± 0.5	5.9 ± 0.6	5.5 ± 0.3	4.6 ± 0.3 [4]						
DAY 4	MEAN±S.D.		8.7 ± 0.9 [8]	8.7 ± 0.6	8.6 ± 1.3	7.7 ± 0.8	6.2 ± 0.5 [3]						
DAY 6	MEAN±S.D.		11.1 ± 1.3 [8]	11.2 ± 0.8	11.0 ± 1.7	10.0 ± 1.0	8.3 ± 0.7 [3]						

[] = Number of values averaged.
DAY = DAY POSTPARTUM

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PROTOCOL 2XA00077: ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDD 6675 IN RATS (SPONSOR'S REFERENCE NUMBER: 06-376)

TABLE 14 (PAGE 1): CLINICAL OBSERVATIONS FROM BIRTH TO DAY 7 OF LACTATION - SUMMARY - F1 GENERATION PUPS

MATERNAL DOSAGE GROUP	I	II	III	IV	V	VI
MATERNAL DOSAGE (MG/KG/DAY) a	0 (VEHICLE)	10	30	90	270	500
LITTERS EXAMINED (N)	9	8	10	10	5	0
TRANSIENT CLINICAL OBSERVATIONS: b						
TOTAL FREQUENCY (DAYS X PUPS)/LITTERS WITH OBSERVATIONS						
COLD TO TOUCH	N/N	0/0	1/1	0/0	2/1	0/0
NOT NURSING	N/N	0/0	0/0	0/0	1/1	0/0
NOT NESTING	N/N	0/0	0/0	0/0	1/1	0/0
PALE	N/N	0/0	0/0	0/0	1/1	0/0
NOSE, LEFT AND/OR RIGHT HINDLIMB, RIGHT HINDPAW, TAIL AND LOWER MIDLINE:	N/N	0/0	0/0	8/1	0/0	5/2
PURPLE	N/N	0/0	0/0	0/0	0/0	0/0
PERSISTENT CLINICAL OBSERVATIONS: b						
TOTAL FREQUENCY (DAYS X PUPS)/LITTERS WITH OBSERVATIONS						
TIP OF TAIL: MISSING	N/N	0/0	0/0	6/1	0/0	0/0

a. Dosage occurred on day 0 of presumed gestation through the day of delivery.

b. Tabulation restricted to adverse observations; all other pups appeared normal.

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PROTOCOL ZXA00077: ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS (SPONSOR'S REFERENCE NUMBER: 06-376)

TABLE 15 (PAGE 1): NECROPSY OBSERVATIONS - SUMMARY - F1 GENERATION PUPS

MATERIAL DOSAGE GROUP	I	II	III	IV	V	IV
MATERIAL DOSAGE (MG/KG/DAY)a	0 (VEHICLE)	10	30	90	270	500
LITTERS EXAMINED	N	9	8	10	10	5
TOTAL PUPS STILLBORN, MORIBUND SACRIFICED OR FOUND DEAD b,c	N	3	4	2	38	0
STILLBORN	N	2	4	2	12	0
FOUND DEAD	N	1	0	2	26	0
NO MILK IN STOMACH d	N(%)	0 (0.0)	0 (0.0)	1 (50.0)	1 (100.0)	10 (41.7)e
PUPS SACRIFICED AND NECROPSIED ON DAY 6 POSTPARTUM c	N	8	105	137	143	26
LITTERS EXAMINED	N	8	10	10	3	0
PUPS EVALUATED	N	117	105	137	143	26
APPEARED NORMAL	N(%)	8(100.0)	8(100.0)	10(100.0)	10(100.0)	3(100.0)
LITTER INCIDENCE	N(%)	117(100.0)	105(100.0)	137(100.0)	143(100.0)	26(100.0)

- Dosage occurred on day 0 of presumed gestation through the day of delivery.
- Restricted to pups in which complete necropsies were performed. Complete necropsies were not performed on pups in which autolysis or cannibalization precluded full evaluation.
- Refer to the individual pup clinical observations table (Table 26) for external clinical observations confirmed at necropsy.
- Analysis restricted to pups found dead and necropsied.
- Excludes two pups that did not have stomach contents recorded of gestation.

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PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MT01D 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 16 (PAGE 1): CLINICAL OBSERVATIONS - INDIVIDUAL DATA

DOSAGE GROUP	Y	GROUP I	0 (VEHICLE) MKD	DATE RANGE	AUG 1, 2003 to Feb 1, 2007
RAT #					
23901	DL(1)		DELIVERING - NOT DOSED		
	DL(6)		SCHEDULE SACRIFICED		
23902	DL(6)		SPARSE HAIR COAT: LIMB(S)		
	DG(13- 20)		SPARSE HAIR COAT: UNDERSIDE		
	DL(1- 6)		SPARSE HAIR COAT: UNDERSIDE		
	DL(1)		DELIVERING		
	DL(6)		SCHEDULE SACRIFICED		
23903	DL(6)		SCHEDULE SACRIFICED		
23904	DG(25)		SACRIFICED - DAY 25 OF (PRESUMED) GESTATION		
23905	DG(20)		LOCALIZED ALOPECIA: LIMB(S)		
	DL(1- 6)		LOCALIZED ALOPECIA: LIMB(S)		
	DL(1)		DELIVERING - NOT DOSED		
	DL(6)		SCHEDULE SACRIFICED		
23906	DL(6)		SCHEDULE SACRIFICED		
23907	DL(1)		DELIVERING - NOT DOSED		
	DL(6)		SCHEDULE SACRIFICED		
23908	DL(1)		DELIVERING - NOT DOSED		
	DL(6)		SCHEDULE SACRIFICED		
23909	DL(1)		DELIVERING - NOT DOSED		
	DL(1)		SACRIFICED - NO SURVIVING PUPS		
23910	DL(6)		SCHEDULE SACRIFICED		

DS - DAY OF STUDY DG - DAY OF PRESUMED GESTATION
DL - DAY OF LACTATION DO - DAY OF OBSERVATION

TSCA SANITIZED

PROTOCOL 2XA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTUDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 16 (PAGE 2): CLINICAL OBSERVATIONS - INDIVIDUAL DATA

DOSAGE	GROUP	II	GROUP	II	10 MKD	DATE RANGE	Aug 1, 2003 to Feb 1, 2007
RAT #	DESCRIPTION						
23911	DL(	1)				DELIVERING	
	DL(	6)				SCHEDULE SACRIFICED	
23912	DL(	1)				DELIVERING - NOT DOSED	
	DL(	6)				SCHEDULE SACRIFICED	
23913	DL(	1)				DELIVERING - NOT DOSED	
	DL(	6)				SCHEDULE SACRIFICED	
23914	DG(	6-21)				SPARSE HAIR COAT: LIMB(S)	
	DL(	1-6)				SPARSE HAIR COAT: LIMB(S)	
	DL(	6)				SCHEDULE SACRIFICED	
23915	DG(	25)				SACRIFICED - DAY 25 OF (PRESUMED) GESTATION	
23916	DL(	1)				DELIVERING - NOT DOSED	
	DL(	6)				SCHEDULE SACRIFICED	
23917	DG(	8-21)				SPARSE HAIR COAT: LIMB(S)	
	DL(	1-6)				SPARSE HAIR COAT: LIMB(S)	
	DG(	21)				DELIVERING	
	DL(	6)				SCHEDULE SACRIFICED	
23918	DG(	21)				DELIVERING - NOT DOSED	
	DL(	1)				DELIVERING - NOT DOSED	
	DL(	6)				SCHEDULE SACRIFICED	
23919	DG(	14-16)				LOCALIZED ALOPECIA: LIMB(S)	
	DG(	17)				ALOPECIA NO LONGER APPARENT	
	DG(	23)				COLD TO TOUCH	
	DG(	23)				PALE EXTREMITIES	
	DG(	23)				PERIVAGINAL SUBSTANCE	
	DG(	23)				UNSCHEDULED SACRIFICED	
23920	DG(	0-1)				SPARSE HAIR COAT: LIMB(S)	
	DG(	2-21)				LOCALIZED ALOPECIA: LIMB(S)	

DS = DAY OF STUDY DG = DAY OF PRESUMED GESTATION

DL = DAY OF LACTATION DO = DAY OF OBSERVATION

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PROTOCOL 2XA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 16 (PAGE 3): CLINICAL OBSERVATIONS - INDIVIDUAL DATA

DOSAGE GROUP	GROUP II	GROUP II	10 MKD	DATE RANGE	Aug 1, 2003 to Feb 1, 2007
RAT #	DESCRIPTION				
23920	DL(1- 6)	LOCALIZED ALOPECIA: LIMB(S)			
	DG(21)	DELIVERING			
	DG(0)	CHROMODACRYORRHEA			
	DL(6)	SCHEDULE SACRIFICED			
DS - DAY OF STUDY	DG - DAY OF PRESUMED GESTATION				
DL - DAY OF LACTATION	DO - DAY OF OBSERVATION				

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PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 16 (PAGE 4): CLINICAL OBSERVATIONS - INDIVIDUAL DATA

DOSAGE GROUP III		GROUP III	30 MKD	DATE RANGE Aug 1, 2003 to Feb 1, 2007
RAT #		DESCRIPTION		
23921	DL(1)	DELIVERING - NOT DOSED		
	DL(6)	SCHEDULE SACRIFICED		
23922	DL(1)	DELIVERING - NOT DOSED		
	DL(6)	SCHEDULE SACRIFICED		
23923	DL(1)	DELIVERING - NOT DOSED		
	DL(6)	SCHEDULE SACRIFICED		
23924	DL(6)	LOCALIZED ALOPECIA: LIMB(S)		
	DL(1)	DELIVERING - NOT DOSED		
	DL(6)	SCHEDULE SACRIFICED		
23925	DL(1)	DELIVERING - NOT DOSED		
	DL(6)	SCHEDULE SACRIFICED		
23926	DL(1)	DELIVERING		
	DL(6)	SCHEDULE SACRIFICED		
23927	DL(1)	DELIVERING		
	DL(6)	SCHEDULE SACRIFICED		
23928	DL(1)	DELIVERING - NOT DOSED		
	DL(6)	SCHEDULE SACRIFICED		
23929	DG(12- 21)	LOCALIZED ALOPECIA: LIMB(S)		
	DL(1- 6)	LOCALIZED ALOPECIA: LIMB(S)		
	DG(21)	DELIVERING		
	DL(6)	SCHEDULE SACRIFICED		
23930	DL(1)	DELIVERING		
	DL(6)	SCHEDULE SACRIFICED		

DS = DAY OF STUDY DG = DAY OF PRESUMED GESTATION
DL = DAY OF LACTATION DO = DAY OF OBSERVATION

PROTOCOL XRA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 16 (PAGE 5): CLINICAL OBSERVATIONS - INDIVIDUAL DATA

DOSAGE	GROUP	GROUP	GROUP	90 MKD	DATE RANGE	Aug 1, 2003 to Feb 1, 2007
RAT #	IV	IV	IV			
23931	DL(6)					SCHEDULE SACRIFICED
23932	DL(1)					DELIVERING - NOT DOSED
	DL(6)					SCHEDULE SACRIFICED
23933	DL(1)					DELIVERING
	DL(6)					SCHEDULE SACRIFICED
23934	DG(2)					SOFT OR LIQUID FECES
	DG(13)					URINE-STAINED ABDOMINAL FUR
	DG(8)					SPARSE HAIR COAT: LIMB(S)
	DG(9-20)					LOCALIZED ALOPECIA: LIMB(S)
	DL(1-6)					LOCALIZED ALOPECIA: LIMB(S)
	DL(1)					DELIVERING - NOT DOSED
	DL(6)					SCHEDULE SACRIFICED
23935	DL(6)					SCHEDULE SACRIFICED
23936	DG(5)					URINE-STAINED ABDOMINAL FUR
	DL(1)					DELIVERING
	DL(6)					SCHEDULE SACRIFICED
23937	DL(1)					DELIVERING
	DL(6)					SCHEDULE SACRIFICED
23938	DL(6)					SPARSE HAIR COAT: LIMB(S)
	DG(0-21)					LOCALIZED ALOPECIA: LIMB(S)
	DL(1-6)					LOCALIZED ALOPECIA: LIMB(S)
	DG(5-21)					SPARSE HAIR COAT: BACK
	DL(1-6)					SPARSE HAIR COAT: BACK
	DL(1)					DELIVERING - NOT DOSED
	DL(6)					SCHEDULE SACRIFICED
23939	DL(1)					DELIVERING - NOT DOSED

DS - DAY OF STUDY DG - DAY OF PRESUMED GESTATION

DL - DAY OF LACTATION DO - DAY OF OBSERVATION

PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 16 (PAGE 6): CLINICAL OBSERVATIONS - INDIVIDUAL DATA

DOSAGE GROUP	IV	GROUP IV	90 MKD	DATE RANGE	Aug 1, 2003 to Feb 1, 2007
RAT #	DESCRIPTION				
23939	DL(6)	SCHEDULE SACRIFICED			
23940	DG(5- 11)	SPARSE HAIR COAT: LIMB(S)			
	DG(12- 20)	LOCALIZED ALOPECIA: LIMB(S)			
	DL(1- 6)	LOCALIZED ALOPECIA: LIMB(S)			
	DL(1)	DELIVERING			
	DL(6)	SCHEDULE SACRIFICED			
DS = DAY OF STUDY DG = DAY OF PRESUMED GESTATION					
DL = DAY OF LACTATION DO = DAY OF OBSERVATION					

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PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 16 (PAGE 7): CLINICAL OBSERVATIONS - INDIVIDUAL DATA

DOSAGE GROUP	GROUP V	270 MKD	DATE RANGE Aug 1, 2003 to Feb 1, 2007
RAT #		DESCRIPTION	
23941	DG(2)	DRIED FECES	
	DG(2)	URINE-STAINED ABDOMINAL FUR	
	DG(2)	DEHYDRATION	
	DG(2)	COLD TO TOUCH	
	DG(2)	PALE EXTREMITIES	
	DG(2)	LACRIMATION	
	DG(2)	DECREASED MOTOR ACTIVITY	
	DG(3)	FOUND DEAD	
	DG(3)	RALES	
23942	DG(1- 7)	DEHYDRATION	
	DG(1)	COLD TO TOUCH	
	DG(3- 5)	COLD TO TOUCH	
	DL(1)	DELIVERING	
	DG(1)	CHROMORRHEA	
	DL(6)	SCHEDULE SACRIFICED	
23943	DG(6- 7)	URINE-STAINED ABDOMINAL FUR	
	DG(1)	RALES	
	DG(1- 2)	DEHYDRATION	
	DG(4)	DEHYDRATION	
	DG(2)	COLD TO TOUCH	
	DG(4- 5)	COLD TO TOUCH	
	DL(1)	DELIVERING - NOT DOSED	
	DL(6)	SCHEDULE SACRIFICED	
23944	DG(4)	URINE-STAINED ABDOMINAL FUR	
	DG(1- 2)	DEHYDRATION	
	DG(4)	DEHYDRATION	

DS = DAY OF STUDY DG = DAY OF PRESUMED GESTATION
DL = DAY OF LACTATION DO = DAY OF OBSERVATION

PROTOCOL 2XA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 16 (PAGE 8): CLINICAL OBSERVATIONS - INDIVIDUAL DATA

DOSAGE	GROUP	V	GROUP	V	270 MKD	DATE RANGE	Aug 1, 2003 to Feb 1, 2007
RAT #	DESCRIPTION						
23944	DG(3- 6)						
	DL(1)						COLD TO TOUCH
	DG(2)						SACRIFICED - NO SURVIVING PUPS
23945	DG(4)						URINE-STAINED ABDOMINAL FUR
	DG(6)						URINE-STAINED ABDOMINAL FUR
	DG(0- 2)						URINE-STAINED ABDOMINAL FUR
	DG(4)						UNGROOMED COAT
	DG(21)						RALES
	DG(1- 4)						PERIORAL SUBSTANCE
	DG(21)						DEHYDRATION
	DG(3- 6)						DEHYDRATION
	DG(21)						COLD TO TOUCH
	DG(21)						COLD TO TOUCH
	DG(21)						PALE EXTREMITIES
	DG(21)						LOW CARRIAGE
	DG(21)						DECREASED MOTOR ACTIVITY
	DG(21)						UNCHEDULED SACRIFICED
23946	DG(0)						URINE-STAINED ABDOMINAL FUR
	DG(2- 3)						URINE-STAINED ABDOMINAL FUR
	DG(3)						UNGROOMED COAT
	DG(2)						RALES
	DG(3)						BRADYPNEA
	DG(3)						PERIORAL SUBSTANCE
	DG(1- 3)						DEHYDRATION
	DG(1- 3)						COLD TO TOUCH
	DG(3)						PALE EXTREMITIES
	DG(3)						DISCOLORATION
	DG(3)						PTOSIS

DS = DAY OF STUDY DG = DAY OF PRESUMED GESTATION
DL = DAY OF LACTATION DO = DAY OF OBSERVATION

PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 16 (PAGE 9): CLINICAL OBSERVATIONS - INDIVIDUAL DATA

DOSAGE GROUP	V	GROUP V	270 MKD	DATE RANGE	Aug 1, 2003 to Feb 1, 2007
RAT #	DESCRIPTION				
23946	DG(3)		PERINATAL SUBSTANCE		
	DG(3)		DECREASED MOTOR ACTIVITY		
	DG(3)		IMPAIRED RIGHTING REFLEX		
	DG(3)		FOUND DEAD		
23947	DG(1- 3)		URINE-STAINED ABDOMINAL FUR		
	DG(2- 4)		UNGROOMED COAT		
	DG(1- 5)		DEHYDRATION		
	DG(1- 4)		COLD TO TOUCH		
23948	DG(3)		PALE EXTREMITIES		
	DG(3)		DECREASED MOTOR ACTIVITY		
	DG(5)		FOUND DEAD		
	DG(2)		URINE-STAINED ABDOMINAL FUR		
23949	DG(5- 6)		URINE-STAINED ABDOMINAL FUR		
	DG(2- 3)		UNGROOMED COAT		
	DG(5)		RALES		
	DG(2- 3)		DEHYDRATION		
23950	DL(1- 4)		COLD TO TOUCH		
	DL(6)		SCHEDULE SACRIFICED		
	DG(2)		URINE-STAINED ABDOMINAL FUR		
	DG(2)		UNGROOMED COAT		
23950	DG(1- 3)		DEHYDRATION		
	DG(1- 4)		COLD TO TOUCH		
	DL(1)		SACRIFICED - NO SURVIVING PUPS		
	DG(2)		URINE-STAINED ABDOMINAL FUR		
23950	DG(2)		UNGROOMED COAT		
	DG(0)		RALES		

DS - DAY OF STUDY DG - DAY OF PRESUMED GESTATION

DL - DAY OF LACTATION DO - DAY OF OBSERVATION

TSCA SANITIZED

PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 16 (PAGE 10): CLINICAL OBSERVATIONS - INDIVIDUAL DATA

DOSAGE GROUP	V	GROUP V	270 MKD	DATE RANGE	Aug 1, 2003 to Feb 1, 2007
RAT #	DESCRIPTION				
23950	DG (1- 2)	DEHYDRATION			
	DG (1- 2)	COLD TO TOUCH			
	DG (3)	FOUND DEAD			
DS = DAY OF STUDY	DG = DAY OF PRESUMED GESTATION				
DL = DAY OF LACTATION	DO = DAY OF OBSERVATION				

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PROTOCOL 2XA00077 : ORAL (GRAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 16 (PAGE 11): CLINICAL OBSERVATIONS - INDIVIDUAL DATA

DOSAGE	GROUP	VI	GROUP	VI	500 MKD	DATE RANGE	Aug 1, 2003 to Feb 1, 2007
RAT #	DESCRIPTION						
23951	DG(0- 1)				URINE-STAINED ABDOMINAL FUR		
	DG(1)				DEHYDRATION		
	DG(2)				FOUND DEAD		
23952	DG(2)				UNGROOMED COAT		
	DG(1- 2)				DEHYDRATION		
	DG(1- 2)				COLD TO TOUCH		
	DG(2)				DECREASED MOTOR ACTIVITY		
	DG(2)				SCHEDULE SACRIFICED		
23953	DG(0- 1)				URINE-STAINED ABDOMINAL FUR		
	DG(1)				RALES		
	DG(1)				DEHYDRATION		
	DG(1)				COLD TO TOUCH		
	DG(1)				PALE EXTREMITIES		
	DG(1)				PTOSIS		
	DG(1)				DECREASED MOTOR ACTIVITY		
	DG(2)				FOUND DEAD		
23954	DG(1- 2)				URINE-STAINED ABDOMINAL FUR		
	DG(2)				UNGROOMED COAT		
	DG(1- 2)				DEHYDRATION		
	DG(2)				COLD TO TOUCH		
	DG(2)				DECREASED MOTOR ACTIVITY		
	DG(2)				SCHEDULE SACRIFICED		
23955	DG(1)				RALES		
	DG(1- 2)				DEHYDRATION		
	DG(2)				SCHEDULE SACRIFICED		
23956	DG(1)				DEHYDRATION		

DS = DAY OF STUDY DG = DAY OF PASSED GESTATION
DL = DAY OF LACTATION DO = DAY OF OBSERVATION

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PROTOCOL 2XA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 16 (PAGE 12): CLINICAL OBSERVATIONS - INDIVIDUAL DATA

DOSAGE	GROUP	VI	GROUP	VI	500 MKD	DATE RANGE	Aug 1, 2003 to Feb 1, 2007
RAT #	DESCRIPTION						
23956	DG(	1)				COLD TO TOUCH	
	DG(	1)				SCHEDULE SACRIFICED	
23957	DG(	0- 1)				URINE-STAINED ABDOMINAL FUR	
	DG(	1)				RALES	
	DG(	0- 1)				COLD TO TOUCH	
	DG(	1)				SCHEDULE SACRIFICED	
23958	DG(	1)				DEHYDRATION	
	DG(	1)				SCHEDULE SACRIFICED	
23959	DG(	0- 1)				URINE-STAINED ABDOMINAL FUR	
	DG(	1)				LOCALIZED ALOPECIA: LIMB(S)	
	DG(	1)				COLD TO TOUCH	
	DG(	1)				SCHEDULE SACRIFICED	
23960	DG(	0- 1)				LOCALIZED ALOPECIA: LIMB(S)	
	DG(	1)				DEHYDRATION	
	DG(	0- 1)				COLD TO TOUCH	
	DG(	1)				HUNCHED POSTURE	
	DG(	1)				DECREASED MOTOR ACTIVITY	
	DG(	1)				SCHEDULE SACRIFICED	

DS = DAY OF STUDY DG = DAY OF PRESUMED GESTATION
DL = DAY OF LACTATION DO = DAY OF OBSERVATION

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TABLE 17 (PAGE 1): NECROPSY OBSERVATIONS - INDIVIDUAL DATA - F0 GENERATION RATS

DOSAGE GROUP DOSAGE (MG/KG/DAY)	RAT NUMBER	DAY OF NECROPSY	PREGNANCY STATUS	DOSES ADMINISTERED	OBSERVATIONS
I					
0 (VEHICLE)	23901	DL 6	P	21	ALL TISSUES APPEARED NORMAL.
	23902	DL 6	P	21	ALL TISSUES APPEARED NORMAL.
	23903	DL 6	P	22	ALL TISSUES APPEARED NORMAL.
	23904	DG 25	NP	25	ALL TISSUES APPEARED NORMAL.
	23905	DL 6	P	21	ALL TISSUES APPEARED NORMAL.
	23906	DL 6	P	22	ALL TISSUES APPEARED NORMAL.
	23907	DL 6	P	21	ALL TISSUES APPEARED NORMAL.
	23908	DL 6	P	22	ALL TISSUES APPEARED NORMAL.
	23909	DL 1	P	21	ALL TISSUES APPEARED NORMAL.
	23910	DL 6	P	22	ALL TISSUES APPEARED NORMAL.
II					
10	23911	DL 6	P	21	ALL TISSUES APPEARED NORMAL.
	23912	DL 6	P	21	ALL TISSUES APPEARED NORMAL.
	23913	DL 6	P	22	ALL TISSUES APPEARED NORMAL.
	23914	DL 6	P	22	ALL TISSUES APPEARED NORMAL.
	23915	DG 25	NP	25	ALL TISSUES APPEARED NORMAL.
	23916	DL 6	P	21	ALL TISSUES APPEARED NORMAL.
	23917	DL 6	P	22	ALL TISSUES APPEARED NORMAL.
	23918	DL 6	P	21	ALL TISSUES APPEARED NORMAL.
	23919	DG 23	P	23	UNSCHEDULED SACRIFICE ON DAY 23 OF GESTATION DUE TO ADVERSE CLINICAL OBSERVATIONS. UTERUS: RIGHT HORN, AT CERVIX, RED GELATINOUS MATERIAL. ALL OTHER TISSUES APPEARED NORMAL. UTERINE CONTENTS: 16 IMPLANTATION SITES (TWO LIVE FETUSES AND 14 DEAD FETUSES IN UTERO).a
	23920	DL 6	P	22	ALL TISSUES APPEARED NORMAL.
DG = DAY OF PRESUMED GESTATION DL = DAY OF LACTATION P = PREGNANT NP = NOT PREGNANT . One dead fetus had the left hindlimb rotated medially; All other fetuses appeared normal for developmental age.					

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PROTOCOL 2XA00077: ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS (SPONSOR'S REFERENCE NUMBER: 06-376)
TABLE 17 (PAGE 2): NECROPSY OBSERVATIONS - INDIVIDUAL DATA - F0 GENERATION RATS

DOSAGE GROUP	RAT NUMBER	DAY OF NECROPSY	PREGNANCY STATUS	DOSES ADMINISTERED	OBSERVATIONS
III 30	23921	DL 6	P	21	ALL TISSUES APPEARED NORMAL.
	23922	DL 6	P	21	ALL TISSUES APPEARED NORMAL.
	23923	DL 6	P	22	ALL TISSUES APPEARED NORMAL.
	23924	DL 6	P	21	ALL TISSUES APPEARED NORMAL.
	23925	DL 6	P	22	ALL TISSUES APPEARED NORMAL.
	23926	DL 6	P	21	ALL TISSUES APPEARED NORMAL.
	23927	DL 6	P	21	ALL TISSUES APPEARED NORMAL.
	23928	DL 6	P	21	ALL TISSUES APPEARED NORMAL.
	23929	DL 6	P	22	ALL TISSUES APPEARED NORMAL.
	23930	DL 6	P	21	ALL TISSUES APPEARED NORMAL.
IV 90	23931	DL 6	P	22	ALL TISSUES APPEARED NORMAL.
	23932	DL 6	P	21	ALL TISSUES APPEARED NORMAL.
	23933	DL 6	P	21	ALL TISSUES APPEARED NORMAL.
	23934	DL 6	P	21	ALL TISSUES APPEARED NORMAL.
	23935	DL 6	P	21	ALL TISSUES APPEARED NORMAL.
	23936	DL 6	P	21	ALL TISSUES APPEARED NORMAL.
	23937	DL 6	P	21	ALL TISSUES APPEARED NORMAL.
	23938	DL 6	P	22	ALL TISSUES APPEARED NORMAL.
	23939	DL 6	P	21	ALL TISSUES APPEARED NORMAL.
	23940	DL 6	P	21	ALL TISSUES APPEARED NORMAL.

DG = DAY OF PRESUMED GESTATION
P = PREGNANT NP = NOT PREGNANT
DL = DAY OF LACTATION

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PROTOCOL 2XA00077: ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS (SPONSOR'S REFERENCE NUMBER: 06-376)

TABLE 17 (PAGE 3): NECROPSY OBSERVATIONS - INDIVIDUAL DATA - F0 GENERATION RATS

DOSAGE GROUP	RAT NUMBER	DAY OF NECROPSY	PREGNANCY STATUS	DOSES ADMINISTERED	OBSERVATIONS
V					
270	23941	DG 3	a	3	FOUND DEAD ON DAY 3 OF PRESUMED GESTATION (DEATH OCCURRED OVERNIGHT). ALL TISSUES APPEARED NORMAL FOR SLIGHT DEGREE OF AUTOLYSIS.
	23942	DL 6	P	21	ALL TISSUES APPEARED NORMAL.
	23943	DL 6	P	21	ALL TISSUES APPEARED NORMAL.
	23944	DL 1	P	22	SACRIFICED ON DAY 1 OF LACTATION DUE TO NO SURVIVING PUPS. ALL TISSUES APPEARED NORMAL.
	23945	DG 21	P	22	UNSCHEDULED SACRIFICE ON DAY 21 OF GESTATION DUE TO ADVERSE CLINICAL OBSERVATIONS (2 HOURS AND 17 MINUTES AFTER DOSAGE ADMINISTRATION). ALL TISSUES APPEARED NORMAL FOR SLIGHT DEGREE OF AUTOLYSIS. UTERINE CONTENTS: 13 IMPLANTATION SITES (12 DEAD FETUSES AND ONE EARLY RESORPTION IN UTERO). b
	23946	DG 3	a	4	FOUND DEAD ON DAY 3 OF PRESUMED GESTATION (DEATH OCCURRED ONE HOUR AND 18 MINUTES AFTER DOSAGE ADMINISTRATION). STOMACH: DISTENDED WITH GAS; FUNDIC, REGION MUCOSAL SURFACE, NUMEROUS RED AREAS (PINPOINT TO 0.4 CM TO 0.5 CM). SPLEEN: SMALL (0.27 g). KIDNEYS: BILATERAL, PELVIS, RED. ADRENAL GLANDS: BILATERAL, RED. ABDOMINAL ADIPOSE: PINK. ALL OTHER TISSUES APPEARED NORMAL.
	23947	DG 5	a	6	FOUND DEAD ON DAY 5 OF PRESUMED GESTATION (DEATH OCCURRED 46 MINUTES AFTER DOSAGE ADMINISTRATION). STOMACH: DISTENDED WITH GAS. LUNGS: ALL LOBES, MOTTLED RED AND DARK RED; LUNGS APPEARED TO BE INFLATED PRIOR TO PERFUSION. TRACHEA AND ESOPHAGUS: CONTAINED PINK FOAMY SUBSTANCE. ALL OTHER TISSUES APPEARED NORMAL.

DG = DAY OF PRESUMED GESTATION DL = DAY OF LACTATION

P = PREGNANT NP = NOT PREGNANT

- a. Unable to accurately determine pregnancy status due to early gestational age.
b. All fetuses appeared normal for developmental age.

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PROTOCOL ZXA00077: ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDD 6675 IN RATS (SPONSOR'S REFERENCE NUMBER: 06-376)

TABLE 17 (PAGE 4): NECROPSY OBSERVATIONS - INDIVIDUAL DATA - F0 GENERATION RATS

DOSAGE GROUP	RAT	DAY OF	PREGNANCY	DOSES	OBSERVATIONS
DOSAGE (MG/KG/DAY)	NUMBER	NECROPSY	STATUS	ADMINISTERED	
V (CONT.)					
270	23948	DL 6	P	22	ALL TISSUES APPEARED NORMAL.
	23949	DL 1	P	22	SACRIFICED ON DAY 1 OF LACTATION DUE TO NO SURVIVING PUPS. ALL TISSUES APPEARED NORMAL.
	23950	DG 3	a	3	FOUND DEAD ON DAY 3 OF GESTATION (DEATH OCCURRED OVERNIGHT). ALL TISSUES APPEARED NORMAL FOR SLIGHT DEGREE OF AUTOLYSIS.

DG = DAY OF PRESUMED GESTATION			DL = DAY OF LACTATION		
P = PREGNANT			NP = NOT PREGNANT		
a. Unable to accurately determine pregnancy status due to early gestational age.					

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PROTOCOL 2XA00077: ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTID 6675 IN RATS (SPONSOR'S REFERENCE NUMBER: 06-376)

TABLE 17 (PAGE 5): NECROPSY OBSERVATIONS - INDIVIDUAL DATA - F0 GENERATION RATS

DOSAGE GROUP	DOSAGE (MG/KG/DAY)	RAT NUMBER	DAY OF NECROPSY	PREGNANCY STATUS	DOSES ADMINISTERED	OBSERVATIONS
VI						
500		23951	DG 2	a	2	FOUND DEAD ON DAY 2 OF PRESUMED GESTATION (DEATH OCCURRED OVERNIGHT). THYMUS: NUMEROUS RED AREAS (PINPOINT TO 0.2 CM X 0.1 CM). ALL OTHER TISSUES APPEARED NORMAL.
		23952	DG 2	a	2	UNSCHEDULED SACRIFICE ON DAY 2 OF PRESUMED GESTATION DUE TO ADVERSE CLINICAL OBSERVATIONS. STOMACH: DISTENDED WITH GAS. ALL OTHER TISSUES APPEARED NORMAL.
		23953	DG 2	a	2	FOUND DEAD ON DAY 2 OF PRESUMED GESTATION (DEATH OCCURRED OVERNIGHT). STOMACH: DISTENDED WITH GAS. ALL OTHER TISSUES APPEARED NORMAL FOR SLIGHT DEGREE OF AUTOLYSIS.
		23954	DG 2	a	2	UNSCHEDULED SACRIFICE ON DAY 2 OF PRESUMED GESTATION DUE TO ADVERSE CLINICAL OBSERVATIONS. STOMACH: DISTENDED WITH GAS. ALL OTHER TISSUES APPEARED NORMAL.
		23955	DG 2	a	2	UNSCHEDULED SACRIFICE ON DAY 2 OF PRESUMED GESTATION DUE TO ADVERSE CLINICAL OBSERVATIONS. ALL TISSUES APPEARED NORMAL.
		23956	DG 1	a	1	UNSCHEDULED SACRIFICE ON DAY 1 OF PRESUMED GESTATION DUE TO ADVERSE CLINICAL OBSERVATIONS. ALL TISSUES APPEARED NORMAL.

DG = DAY OF PRESUMED GESTATION DL = DAY OF LACTATION

P = PREGNANT NP = NOT PREGNANT

a. Unable to accurately determine pregnancy status due to early gestational age.

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PROTOCOL ZXA00077: ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS (SPONSOR'S REFERENCE NUMBER: 06-376)
TABLE 17 (PAGE 6): NECROPSY OBSERVATIONS - INDIVIDUAL DATA - F0 GENERATION RATS

DOSAGE GROUP	RAT NUMBER	DAY OF NECROPSY	PREGNANCY STATUS	DOSES ADMINISTERED	OBSERVATIONS
VI (CONT.)					
500	23957	DG 1	a	1	UNSCHEDULED SACRIFICE ON DAY 1 OF PRESUMED GESTATION DUE TO ADVERSE CLINICAL OBSERVATIONS. ALL TISSUES APPEARED NORMAL.
	23958	DG 1	a	1	UNSCHEDULED SACRIFICE ON DAY 1 OF PRESUMED GESTATION DUE TO ADVERSE CLINICAL OBSERVATIONS. ALL TISSUES APPEARED NORMAL.
	23959	DG 1	a	1	UNSCHEDULED SACRIFICE ON DAY 1 OF PRESUMED GESTATION DUE TO ADVERSE CLINICAL OBSERVATIONS. ALL TISSUES APPEARED NORMAL.
	23960	DG 1	a	1	UNSCHEDULED SACRIFICE ON DAY 1 OF PRESUMED GESTATION DUE TO ADVERSE CLINICAL OBSERVATIONS. SPLEEN: SMALL (0.21 g). ALL OTHER TISSUES APPEARED NORMAL.

DG = DAY OF PRESUMED GESTATION DL = DAY OF LACTATION
P = PREGNANT NP = NOT PREGNANT

a. Unable to accurately determine pregnancy status due to early gestational age.

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PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 18 (PAGE 1): MATERNAL BODY WEIGHTS - PRESUMED GESTATION - INDIVIDUAL DATA

PREGNANCY													
STATUS	DAY 0	1	2	3	4	5	6	7	8	9	10	11	12
RAT #	DOSAGE GROUP I			O (VEHICLE) MKD									
	GROUP I												
23901 P	230.	235.	240.	245.	250.	256.	261.	266.	270.	276.	283.	286.	290.
23902 P	239.	236.	244.	245.	250.	261.	263.	270.	271.	281.	283.	292.	298.
23903 P	230.	239.	243.	245.	240.	257.	261.	271.	270.	281.	286.	295.	299.
23904 NP	235.	234.	237.	238.	244.	246.	248.	258.	262.	268.	267.	274.	280.
23905 P	238.	244.	237.	241.	252.	244.	255.	254.	258.	268.	280.	282.	294.
23906 P	215.	225.	230.	234.	236.	239.	243.	251.	256.	255.	264.	270.	274.
23907 P	252.	256.	260.	266.	271.	284.	286.	292.	297.	307.	318.	319.	332.
23908 P	230.	240.	249.	249.	256.	264.	262.	268.	275.	286.	292.	295.	295.
23909 P	239.	246.	247.	258.	261.	269.	272.	279.	287.	288.	300.	304.	315.
23910 P	225.	224.	231.	240.	238.	239.	245.	251.	259.	254.	264.	276.	284.

P = PREGNANT NP = NOT PREGNANT (VALUES EXCLUDED FROM AVERAGES)

DAY = DAY OF PRESUMED GESTATION

ALL WEIGHTS WERE RECORDED IN GRAMS (G).

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 (SPONSOR'S REFERENCE NO. 06-376)

TABLE 18 (PAGE 2): MATERNAL BODY WEIGHTS - PRESUMED GESTATION - INDIVIDUAL DATA

PREGNANCY		14	15	16	17	18	19	20	21	22	23	24	25
STATUS	DAY 13	O (VEHICLE) MKD											
RAT #	DOSAGE	GROUP I	GROUP I										
23901 P	300.	307.	314.	321.	334.	356.	367.	385.	385.	399.	399.	399.	399.
23902 P	307.	314.	325.	334.	353.	356.	369.	386.	392.	410.	410.	410.	410.
23903 P	307.	312.	322.	337.	350.	364.	382.	392.	392.	410.	410.	410.	410.
23904 NP	282.	283.	275.	278.	285.	276.	272.	274.	274.	274.	274.	274.	274.
23905 P	300.	310.	321.	334.	353.	362.	384.	395.	395.	395.	395.	395.	395.
23906 P	278.	283.	290.	304.	317.	323.	341.	355.	361.	361.	361.	361.	361.
23907 P	339.	348.	358.	364.	376.	392.	410.	436.	436.	436.	436.	436.	436.
23908 P	302.	310.	320.	322.	328.	345.	361.	363.	363.	384.	384.	384.	384.
23909 P	320.	328.	341.	350.	357.	371.	380.	398.	398.	398.	398.	398.	398.
23910 P	276.	294.	304.	315.	305.	311.	350.	364.	364.	386.	386.	386.	386.

P = PREGNANT NP = NOT PREGNANT (VALUES EXCLUDED FROM AVERAGES)

DAY = DAY OF PRESUMED GESTATION

ALL WEIGHTS WERE RECORDED IN GRAMS (G).

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TABLE 18 (PAGE 31): MATERNAL BODY WEIGHTS - PRESUMED GESTATION - INDIVIDUAL DATA

PREGNANCY														
STATUS	DAY	0	1	2	3	4	5	6	7	8	9	10	11	12
RAT #	DOSAGE GROUP	GROUP II												
		10 MKD												
23911 P	218.	228.	233.	237.	241.	248.	252.	258.	262.	262.	263.	266.	274.	282.
23912 P	253.	254.	264.	265.	272.	277.	281.	285.	294.	294.	296.	304.	312.	320.
23913 P	228.	238.	233.	245.	250.	257.	260.	260.	255.	255.	261.	271.	276.	281.
23914 P	231.	231.	237.	244.	248.	255.	254.	260.	257.	257.	261.	272.	280.	286.
23915 NP	224.	217.	219.	226.	224.	228.	231.	233.	234.	234.	234.	236.	239.	244.
23916 P	218.	219.	216.	225.	227.	228.	235.	239.	240.	247.	247.	254.	263.	266.
23917 P	253.	259.	263.	266.	270.	275.	280.	285.	286.	286.	294.	296.	304.	310.
23918 P	231.	234.	241.	251.	254.	258.	266.	268.	281.	281.	278.	285.	295.	303.
23919 P	246.	250.	256.	264.	267.	273.	266.	274.	273.	273.	284.	276.	293.	288.
23920 P	223.	237.	244.	254.	257.	266.	269.	260.	261.	261.	274.	279.	288.	286.

P = PREGNANT NP = NOT PREGNANT (VALUES EXCLUDED FROM AVERAGES)

DAY = DAY OF PRESUMED GESTATION

ALL WEIGHTS WERE RECORDED IN GRAMS (G).

TSCA SANITIZED

ARGUS RESEARCH LABORATORIES, INC.

PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 18 (PAGE 4): MATERNAL BODY WEIGHTS - PRESUMED GESTATION - INDIVIDUAL DATA

PREGNANCY		14	15	16	17	18	19	20	21	22	23	24	25
STATUS	DAY 13	10 MKD											
RAT #	DOSAGE GROUP II	GROUP II											
23911 P	291.	298.	303.	314.	326.	336.	348.	365.	375.	375.	375.	375.	375.
23912 P	324.	337.	342.	354.	372.	379.	392.	413.	413.	413.	413.	413.	413.
23913 P	292.	293.	296.	306.	317.	323.	331.	343.	351.	351.	351.	351.	351.
23914 P	293.	300.	307.	317.	336.	338.	350.	367.	388.	388.	388.	388.	388.
23915 NP	241.	246.	248.	249.	245.	249.	252.	255.	250.	251.	252.	255.	261.
23916 P	270.	280.	286.	295.	308.	313.	322.	347.	347.	347.	347.	347.	347.
23917 P	314.	325.	334.	345.	353.	375.	387.	405.	425.	425.	425.	425.	425.
23918 P	309.	318.	327.	336.	348.	363.	374.	393.	393.	393.	393.	393.	393.
23919 P	292.	306.	310.	326.	329.	345.	362.	379.	388.	388.	388.	388.	388.
23920 P	302.	316.	326.	336.	341.	357.	371.	387.	406.	406.	406.	406.	406.

P = PREGNANT NP = NOT PREGNANT (VALUES EXCLUDED FROM AVERAGES)

DAY = DAY OF PRESUMED GESTATION

ALL WEIGHTS WERE RECORDED IN GRAMS (G).

TSCA SANITIZED

ARGUS RESEARCH LABORATORIES, INC.

PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 18 (PAGE 5): MATERNAL BODY WEIGHTS - PRESUMED GESTATION - INDIVIDUAL DATA

PREGNANCY													
STATUS	DAY 0	1	2	3	4	5	6	7	8	9	10	11	12
RAT #	DOSAGE GROUP III			30 MKD									
	GROUP III												
23921 P	224.	227.	238.	237.	239.	243.	248.	257.	260.	262.	268.	270.	276.
23922 P	244.	244.	243.	261.	269.	276.	287.	286.	289.	297.	303.	314.	312.
23923 P	229.	230.	240.	248.	249.	252.	262.	263.	268.	274.	280.	286.	293.
23924 P	235.	233.	236.	234.	245.	249.	252.	254.	256.	267.	269.	278.	282.
23925 P	239.	243.	248.	248.	253.	260.	264.	272.	277.	279.	279.	277.	267.
23926 P	217.	223.	232.	235.	243.	239.	251.	256.	259.	266.	275.	282.	286.
23927 P	252.	256.	258.	262.	268.	278.	284.	287.	294.	300.	307.	318.	327.
23928 P	235.	238.	251.	254.	261.	266.	270.	275.	278.	286.	293.	292.	294.
23929 P	237.	247.	251.	255.	256.	260.	262.	263.	272.	278.	288.	292.	294.
23930 P	220.	230.	230.	240.	248.	250.	255.	258.	266.	271.	283.	285.	295.

P - PREGNANT NP - NOT PREGNANT (VALUES EXCLUDED FROM AVERAGES)

DAY - DAY OF PRESUMED GESTATION

ALL WEIGHTS WERE RECORDED IN GRAMS (G).

TSCA SANITIZED

ARGUS RESEARCH LABORATORIES, INC.

PROTOCOL 2XAO0077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
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TABLE 18 (PAGE 6): MATERNAL BODY WEIGHTS - PRESUMED GESTATION - INDIVIDUAL DATA

PREGNANCY STATUS	DAY 13	14	15	16	17	18	19	20	21	22	23	24	25
RAT #	DOSAGE GROUP III			GROUP III			30 MKD						
23921 P	284.	289.	302.	317.	332.	347.	348.	364.	DELIVERED				
23922 P	328.	337.	347.	352.	361.	368.	388.	406.	DELIVERED				
23923 P	295.	303.	309.	318.	327.	340.	348.	359.	376.	DELIVERED			
23924 P	291.	296.	314.	320.	336.	354.	367.	388.	DELIVERED				
23925 P	269.	280.	282.	300.	310.	311.	319.	324.	328.	DELIVERED			
23926 P	295.	305.	314.	325.	344.	352.	371.	393.	404.	DELIVERED			
23927 P	336.	337.	350.	359.	365.	384.	400.	404.	429.	DELIVERED			
23928 P	308.	312.	319.	332.	342.	359.	379.	390.	DELIVERED				
23929 P	305.	312.	328.	337.	342.	360.	380.	398.	412.	DELIVERED			
23930 P	297.	305.	318.	325.	334.	349.	366.	384.	398.	DELIVERED			

P = PREGNANT NP = NOT PREGNANT (VALUES EXCLUDED FROM AVERAGES)

DAY = DAY OF PRESUMED GESTATION

ALL WEIGHTS WERE RECORDED IN GRAMS (G).

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PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 18 (PAGE 7): MATERNAL BODY WEIGHTS - PRESUMED GESTATION - INDIVIDUAL DATA

PREGNANCY STATUS		90 MKD													
DAY	0	1	2	3	4	5	6	7	8	9	10	11	12		
RAT #	DOSAGE GROUP IV				GROUP IV										
23931 P	235.	239.	243.	243.	252.	252.	266.	270.	273.	276.	290.	297.	303.		
23932 P	242.	245.	250.	251.	258.	263.	254.	256.	256.	265.	274.	276.	285.		
23933 P	231.	231.	242.	246.	253.	255.	266.	267.	270.	274.	282.	289.	296.		
23934 P	235.	233.	238.	242.	251.	253.	256.	260.	264.	274.	280.	286.	296.		
23935 P	220.	215.	226.	227.	232.	232.	242.	237.	237.	242.	248.	257.	260.		
23936 P	253.	257.	262.	264.	264.	271.	270.	277.	277.	276.	286.	297.	308.		
23937 P	233.	239.	244.	251.	254.	258.	262.	265.	271.	276.	279.	287.	293.		
23938 P	249.	248.	250.	254.	259.	267.	270.	273.	279.	286.	280.	293.	297.		
23939 P	250.	250.	246.	242.	241.	240.	254.	254.	256.	260.	267.	276.	284.		
23940 P	226.	232.	239.	238.	249.	248.	251.	243.	252.	263.	266.	262.	264.		

P = PREGNANT NP = NOT PREGNANT (VALUES EXCLUDED FROM AVERAGES)

DAY = DAY OF PRESUMED GESTATION

ALL WEIGHTS WERE RECORDED IN GRAMS (G).

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(SPONSOR'S REFERENCE NO. 06-376)

TABLE 18 (PAGE 8): MATERNAL BODY WEIGHTS - PRESUMED GESTATION - INDIVIDUAL DATA

PREGNANCY		14	15	16	17	18	19	20	21	22	23	24	25
STATUS	DAY 13	14	15	16	17	18	19	20	21	22	23	24	25
RAT #	DOSAGE	GROUP IV	90 MKD										
23931 P	313.	322.	337.	349.	362.	377.	382.	396.	405.DELIVERED				
23932 P	295.	301.	315.	324.	343.	345.	367.	384.DELIVERED					
23933 P	299.	307.	319.	327.	347.	354.	371.	394.	401.DELIVERED				
23934 P	300.	311.	316.	332.	347.	354.	368.	383.DELIVERED					
23935 P	262.	265.	274.	280.	291.	296.	308.	323.	324.DELIVERED				
23936 P	314.	316.	331.	346.	350.	378.	392.	404.	410.DELIVERED				
23937 P	292.	305.	303.	309.	315.	328.	346.	352.	366.DELIVERED				
23938 P	302.	311.	321.	329.	342.	361.	374.	391.	398.DELIVERED				
23939 P	287.	297.	298.	308.	310.	324.	332.	347.DELIVERED					
23940 P	268.	284.	300.	310.	315.	327.	343.	348.	352.DELIVERED				

P = PREGNANT NP = NOT PREGNANT (VALUES EXCLUDED FROM AVERAGES)

DAY = DAY OF PRESUMED GESTATION

ALL WEIGHTS WERE RECORDED IN GRAMS (G).

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TABLE 18 (PAGE 9): MATERNAL BODY WEIGHTS - PRESUMED GESTATION - INDIVIDUAL DATA

PREGNANCY													
STATUS	DAY 0	1	2	3	4	5	6	7	8	9	10	11	12
RAT #	DOSAGE GROUP V			GROUP V		270 MKD							
23941 NP	234.	204.	179.	DEAD									
23942 P	254.	233.	220.	212.	206.	202.	211.	226.	241.	246.	256.	260.	268.
23943 P	231.	216.	204.	211.	223.	227.	230.	230.	238.	246.	250.	259.	267.
23944 P	236.	221.	226.	233.	234.	238.	241.	246.	252.	260.	267.	275.	280.
23945 P	222.	209.	216.	218.	219.	221.	226.	228.	229.	236.	250.	254.	261.
23946 NP	250.	227.	207.	190.	DEAD								
23947 NP	232.	229.	204.	195.	202.	203.	DEAD						
23948 P	245.	229.	220.	222.	227.	228.	231.	240.	243.	249.	260.	267.	273.
23949 P	227.	222.	202.	214.	216.	224.	227.	235.	239.	242.	252.	254.	261.
23950 NP	220.	200.	184.	DEAD									

P = PREGNANT NP = NOT PREGNANT (VALUES EXCLUDED FROM AVERAGES)

DAY = DAY OF PRESUMED GESTATION

ALL WEIGHTS WERE RECORDED IN GRAMS (G).

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(SPONSOR'S REFERENCE NO. 06-376)

TABLE 18 (PAGE 10): MATERNAL BODY WEIGHTS - PRESUMED GESTATION - INDIVIDUAL DATA

PREGNANCY														
STATUS		DAY 13	14	15	16	17	18	19	20	21	22	23	24	25
RAT #		DOSAGE GROUP		V	GROUP V		270 MKD							
23941	NP DEAD													
23942	P	280.	287.	294.	300.	311.	326.	345.	359.	363.DELIVERED				
23943	P	273.	281.	289.	292.	303.	318.	334.	336.DELIVERED					
23944	P	289.	297.	304.	317.	324.	331.	358.	361.	371.DELIVERED				
23945	P	266.	276.	276.	286.	294.	294.	305.	293.	269.DEAD DAY 21				
23946	NP DEAD													
23947	NP DEAD													
23948	P	277.	277.	285.	294.	296.	312.	318.	320.	322.DELIVERED				
23949	P	263.	268.	275.	284.	286.	298.	308.	316.	318.DELIVERED				
23950	NP DEAD													

P = PREGNANT NP = NOT PREGNANT (VALUES EXCLUDED FROM AVERAGES)

DAY = DAY OF PRESUMED GESTATION

ALL WEIGHTS WERE RECORDED IN GRAMS (G).

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TABLE 18 (PAGE 11): MATERNAL BODY WEIGHTS - PRESUMED GESTATION - INDIVIDUAL DATA

PREGNANCY													
STATUS	DAY 0	1	2	3	4	5	6	7	8	9	10	11	12
RAT #	DOSAGE GROUP VI		GROUP VI		500 MKD								
23951 NP	229.	199.	DEAD										
23952 NP	241.	215.	202.	DEAD									
23953 NP	229.	196.	DEAD										
23954 NP	232.	210.	198.	DEAD									
23955 NP	214.	208.	205.	DEAD									
23956 NP	251.	228.	DEAD										
23957 NP	230.	202.	DEAD										
23958 NP	237.	218.	DEAD										
23959 NP	250.	234.	DEAD										
23960 NP	226.	193.	DEAD										

P - PREGNANT NP - NOT PREGNANT (VALUES EXCLUDED FROM AVERAGES)
 DAY - DAY OF PRESUMED GESTATION
 ALL WEIGHTS WERE RECORDED IN GRAMS (G).

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(SPONSOR'S REFERENCE NO. 06-376)

TABLE 18 (PAGE 12): MATERNAL BODY WEIGHTS - PRESUMED GESTATION - INDIVIDUAL DATA

PREGNANCY		14	15	16	17	18	19	20	21	22	23	24	25
STATUS		DAY 13											
RAT #		DOSAGE	GROUP	VI		GROUP	VI						
23951	NP	DEAD											
23952	NP	DEAD											
23953	NP	DEAD											
23954	NP	DEAD											
23955	NP	DEAD											
23956	NP	DEAD											
23957	NP	DEAD											
23958	NP	DEAD											
23959	NP	DEAD											
23960	NP	DEAD											

P = PREGNANT NP = NOT PREGNANT (VALUES EXCLUDED FROM AVERAGES)

DAY = DAY OF PRESUMED GESTATION

ALL WEIGHTS WERE RECORDED IN GRAMS (G).

ARGUS RESEARCH LABORATORIES, INC.

PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
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TABLE 19 (PAGE 1): MATERNAL BODY WEIGHTS - LACTATION - INDIVIDUAL DATA

	DAY 1	2	3	4	5	6
DAM #	DOSAGE GROUP I GROUP I 0 (VEHICLE) MKD					
23901	292.	275.	270.	280.	289.	309.
23902	296.	283.	289.	297.	291.	316.
23903	290.	293.	293.	301.	314.	332.
23904	NOT PREGNANT, DEAD DAY 25 (GESTATION)					
23905	296.	285.	279.	283.	290.	301.
23906	260.	253.	258.	261.	275.	291.
23907	310.	310.	322.	326.	332.	338.
23908	285.	288.	294.	303.	300.	311.
23909	312.					
23910	261.	277.	283.	297.	298.	312.

ALL WEIGHTS ARE RECORDED IN GRAMS

DAY - DAY OF LACTATION

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(SPONSOR'S REFERENCE NO. 06-376)

TABLE 19 (PAGE 2): MATERNAL BODY WEIGHTS - LACTATION - INDIVIDUAL DATA

	DAY 1	2	3	4	5	6
DAM #	DOSAGE GROUP	II	GROUP II	10 MKD		
23911	273.	254.	260.	258.	260.	276.
23912	324.	313.	321.	329.	328.	352.
23913	276.	276.	281.	284.	295.	308.
23914	271.	280.	278.	288.	296.	307.
23915	NOT PREGNANT, DEAD DAY 25 (GESTATION)					
23916	274.	252.	260.	263.	269.	280.
23917	297.	300.	303.	316.	329.	328.
23918	286.	296.	291.	305.	300.	303.
23919	PREGNANT, DEAD DAY 23 (GESTATION)					
23920	284.	295.	291.	306.	306.	321.

ALL WEIGHTS ARE RECORDED IN GRAMS

DAY = DAY OF LACTATION

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 (SPONSOR'S REFERENCE NO. 06-376)

TABLE 19 (PAGE 31): MATERNAL BODY WEIGHTS - LACTATION - INDIVIDUAL DATA

DAY 1						
DAY 1						
DAM #	DOSAGE	GROUP	III	GROUP	III	30 MKD
23921	280.	268.	266.	266.	271.	295.
23922	314.	307.	318.	317.	321.	344.
23923	279.	274.	286.	285.	299.	313.
23924	297.	283.	289.	293.	302.	311.
23925	282.	275.	278.	284.	290.	305.
23926	294.	287.	290.	293.	303.	321.
23927	315.	306.	315.	307.	325.	340.
23928	280.	280.	292.	295.	309.	322.
23929	282.	289.	293.	300.	305.	317.
23930	290.	282.	289.	286.	292.	306.
ALL WEIGHTS ARE RECORDED IN GRAMS						
						DAY = DAY OF LACTATION

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 (SPONSOR'S REFERENCE NO. 06-376)

TABLE 19 (PAGE 4): MATERNAL BODY WEIGHTS - LACTATION - INDIVIDUAL DATA

		DAY				
		1	2	3	4	5
		6				
		90 MKD				
DAM #	DOSAGE GROUP	IV	GROUP IV	IV	90 MKD	
23931	291.	294.	299.	301.	306.	330.
23932	291.	288.	295.	301.	302.	326.
23933	288.	274.	279.	295.	299.	320.
23934	299.	285.	285.	291.	293.	317.
23935	244.	235.	238.	244.	242.	258.
23936	291.	295.	309.	311.	317.	332.
23937	268.	256.	268.	271.	279.	299.
23938	274.	286.	285.	295.	290.	305.
23939	267.	271.	280.	272.	285.	302.
23940	254.	252.	283.	281.	289.	300.

ALL WEIGHTS ARE RECORDED IN GRAMS

DAY = DAY OF LACTATION

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(SPONSOR'S REFERENCE NO. 06-376)

TABLE 19 (PAGE 5): MATERNAL BODY WEIGHTS - LACTATION - INDIVIDUAL DATA

	DAY 1	2	3	4	5	6
DMH #	DOSAGE GROUP	V	GROUP V	270 MKD		
23941	NOT PREGNANT, DEAD DAY 3 (GESTATION)					
23942	272.	267.	273.	293.	295.	315.
23943	265.	267.	266.	275.	270.	287.
23944	275.					
23945	PREGNANT, DEAD DAY 21 (GESTATION)					
23946	NOT PREGNANT, DEAD DAY 3 (GESTATION)					
23947	NOT PREGNANT, DEAD DAY 5 (GESTATION)					
23948	265.	277.	271.	281.	286.	299.
23949	244.					
23950	NOT PREGNANT, DEAD DAY 3 (GESTATION)					

ALL WEIGHTS ARE RECORDED IN GRAMS

DAY - DAY OF LACTATION

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 PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
 (SPONSOR'S REFERENCE NO. 06-376)

TABLE 19 (PAGE 6): MATERNAL BODY WEIGHTS - LACTATION - INDIVIDUAL DATA

	DAY 1	2	3	4	5	6
DAM #	DOSAGE	GROUP	VI	GROUP	VI	500 MKD
23951	NOT PREGNANT, DEAD	DAY	2	(GESTATION)		
23952	NOT PREGNANT, DEAD	DAY	2	(GESTATION)		
23953	NOT PREGNANT, DEAD	DAY	2	(GESTATION)		
23954	NOT PREGNANT, DEAD	DAY	2	(GESTATION)		
23955	NOT PREGNANT, DEAD	DAY	2	(GESTATION)		
23956	NOT PREGNANT, DEAD	DAY	1	(GESTATION)		
23957	NOT PREGNANT, DEAD	DAY	1	(GESTATION)		
23958	NOT PREGNANT, DEAD	DAY	1	(GESTATION)		
23959	NOT PREGNANT, DEAD	DAY	1	(GESTATION)		
23960	NOT PREGNANT, DEAD	DAY	1	(GESTATION)		

ALL WEIGHTS ARE RECORDED IN GRAMS

DAY = DAY OF LACTATION

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PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 20 (PAGE 1): MATERNAL FEED CONSUMPTION VALUES - PRESUMED GESTATION - INDIVIDUAL DATA

PREGNANCY														
STATUS DAYS 0 - 1 1 - 2 2 - 3 3 - 4 4 - 5 5 - 6 6 - 7 7 - 8 8 - 9 9 - 10 10 - 11 11 - 12 12 - 13														
RAT #	DOSAGE GROUP I			GROUP I			0 (VEHICLE) MKD							
23901 P	20.	21.	21.	23.	21.	23.	23.	21.	23.	43.	4.	24.	24.	24.
23902 P	16.	19.	18.	22.	25.	24.	27.	26.	25.	5.	28.	28.	27.	27.
23903 P	21.	19.	17.	16.	27.	21.	25.	25.	45.	5.	25.	26.	26.	26.
23904 NP	19.	16.	16.	20.	19.	22.	23.	23.	41.	22.	22.	24.	23.	23.
23905 P	22.	13.	18.	20.	14.	20.	22.	24.	25.	29.	27.	31.	28.	28.
23906 P	18.	20.	18.	19.	19.	16.	20.	22.	16.	22.	22.	24.	22.	22.
23907 P	15.	20.	20.	21.	22.	24.	24.	26.	24.	28.	24.	27.	28.	28.
23908 P	16.	23.	21.	22.	22.	21.	24.	21.	21.	24.	26.	23.	25.	25.
23909 P	17.	17.	25.	24.	26.	24.	26.	27.	27.	29.	28.	28.	31.	31.
23910 P	16.	18.	20.	16.	18.	22.	24.	23.	18.	23.	25.	26.	23.	23.

P = PREGNANT NP = NOT PREGNANT (VALUES EXCLUDED FROM AVERAGES)

DAYS = DAYS OF PRESUMED GESTATION

ALL WEIGHTS WERE RECORDED IN GRAMS (G).

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PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 20 (PAGE 2): MATERNAL FEED CONSUMPTION VALUES - PRESUMED GESTATION - INDIVIDUAL DATA

PREGNANCY																
STATUS DAYS 13 - 14 15 - 16 16 - 17 17 - 18 18 - 19 19 - 20 20 - 21 21 - 22 22 - 23 23 - 24 24 - 25																
RAT #	DOSAGE GROUP		I	GROUP I		O (VEHICLE) MKO										
23901 P	24.	25.	24.	27.	28.	21.	21.	21.	21.	21.	21.	21.	21.	21.	21.	21.
23902 P	31.	27.	31.	34.	21.	26.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.
23903 P	28.	27.	30.	32.	25.	30.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.
23904 NP	24.	15.	19.	20.	14.	13.	16.	16.	16.	16.	16.	16.	16.	16.	16.	16.
23905 P	33.	27.	32.	36.	24.	27.	21.	21.	21.	21.	21.	21.	21.	21.	21.	21.
23906 P	23.	22.	24.	26.	18.	23.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.
23907 P	27.	27.	27.	23.	28.	26.	28.	28.	28.	28.	28.	28.	28.	28.	28.	28.
23908 P	23.	27.	24.	16.	23.	22.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.
23909 P	26.	27.	30.	22.	21.	24.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.
23910 P	27.	28.	31.	7.	20.	29.	27.	27.	27.	27.	27.	27.	27.	27.	27.	27.

P = PREGNANT NP = NOT PREGNANT (VALUES EXCLUDED FROM AVERAGES)

DAYS = DAYS OF PRESUMED GESTATION

ALL WEIGHTS WERE RECORDED IN GRAMS (G).

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(SPONSOR'S REFERENCE NO. 06-376)

TABLE 20 (PAGE 3): MATERNAL FEED CONSUMPTION VALUES - PRESUMED GESTATION - INDIVIDUAL DATA

PREGNANCY														
STATUS DAYS 0 - 1 1 - 2 2 - 3 3 - 4 4 - 5 5 - 6 6 - 7 7 - 8 8 - 9 9 - 10 10 - 11 11 - 12 12 - 13														
RAT #	DOSAGE GROUP II					GROUP II					10 MKD			
23911 P	20.	21.	18.	21.	18.	21.	18.	20.	20.	18.	18.	23.	23.	25.
23912 P	21.	19.	20.	27.	23.	25.	25.	26.	26.	26.	27.	26.	30.	28.
23913 P	21.	11.	23.	22.	26.	25.	25.	17.	20.	28.	24.	22.	26.	28.
23914 P	16.	18.	23.	21.	24.	23.	21.	20.	18.	21.	25.	26.	27.	25.
23915 NP	15.	15.	18.	14.	17.	19.	18.	20.	18.	15.	18.	20.	20.	17.
23916 P	15.	11.	20.	19.	19.	18.	19.	21.	19.	20.	20.	25.	24.	23.
23917 P	19.	19.	23.	22.	24.	24.	24.	25.	21.	24.	23.	25.	25.	23.
23918 P	19.	22.	24.	22.	25.	27.	25.	25.	30.	23.	28.	27.	30.	30.
23919 P	20.	25.	21.	25.	26.	18.	20.	20.	20.	29.	18.	31.	24.	26.
23920 P	15.	18.	22.	24.	26.	25.	16.	17.	17.	21.	22.	25.	20.	31.

P = PREGNANT NP = NOT PREGNANT (VALUES EXCLUDED FROM AVERAGES)

DAYS = DAYS OF PRESUMED GESTATION

ALL WEIGHTS WERE RECORDED IN GRAMS (G).

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 PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
 (SPONSOR'S REFERENCE NO. 06-376)

TABLE 20 (PAGE 4): MATERNAL FEED CONSUMPTION VALUES - PRESUMED GESTATION - INDIVIDUAL DATA

PREGNANCY		STATUS DAYS 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25																
RAT #	DOSAGE	GROUP II																10 MKD
		GROUP II								GROUP II								
23911 P	23.	21.	22.	23.	22.	14.	22.	21.	DELIVERED	22.	26.	30.	19.	DELIVERED	15.	18.	20.	
23912 P	30.	27.	33.	30.	21.	28.	26.	26.	DELIVERED	22.	23.	16.	24.	DELIVERED	16.			
23913 P	27.	25.	27.	26.	22.	22.	30.	19.	DELIVERED	20.	23.	16.	24.	DELIVERED	15.			
23914 P	25.	25.	27.	27.	20.	23.	16.	24.	DELIVERED	15.	17.	19.	15.	16.				
23915 NP	21.	20.	20.	15.	15.	17.	19.	24.	DELIVERED	21.	22.	24.	23.	DELIVERED				
23916 P	23.	25.	24.	26.	21.	25.	22.	25.	DELIVERED	18.	24.	25.	25.	DELIVERED				
23917 P	24.	26.	26.	18.	24.	25.	25.	25.	DELIVERED	20.	26.	25.	26.	DELIVERED				
23918 P	25.	29.	31.	20.	26.	25.	25.	25.	DELIVERED	19.	25.	24.	17.	23.				
23919 P	23.	25.	27.	19.	25.	24.	22.	22.	DELIVERED	18.	24.	25.	22.	26.				
23920 P	32.	32.	29.	18.	24.	25.	22.	22.	DELIVERED									
																	2. DEAD DAY 23	

P = PREGNANT NP = NOT PREGNANT (VALUES EXCLUDED FROM AVERAGES)

DAYS = DAYS OF PRESUMED GESTATION

ALL WEIGHTS WERE RECORDED IN GRAMS (G).

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(SPONSOR'S REFERENCE NO. 06-376)

TABLE 20 (PAGE 5): MATERNAL FEED CONSUMPTION VALUES - PRESUMED GESTATION - INDIVIDUAL DATA

PREGNANCY													
STATUS DAYS 0 - 1 2 - 3 4 - 5 6 - 7 8 - 9 10 - 11 12 - 13													
RAT #	DOSAGE GROUP III			GROUP III			30 MKD						
23921 P	18.	21.	16.	19.	20.	19.	23.	20.	21.	23.	18.	23.	25.
23922 P	20.	15.	26.	27.	27.	28.	26.	26.	26.	25.	26.	24.	29.
23923 P	18.	20.	19.	16.	22.	23.	20.	24.	24.	20.	24.	24.	23.
23924 P	18.	12.	14.	21.	21.	20.	20.	19.	23.	20.	22.	24.	23.
23925 P	23.	20.	21.	24.	30.	28.	34.	28.	26.	30.	19.	15.	14.
23926 P	17.	12.	17.	21.	18.	24.	25.	23.	25.	23.	25.	26.	24.
23927 P	19.	17.	19.	23.	24.	26.	26.	27.	24.	28.	28.	30.	29.
23928 P	18.	22.	21.	23.	24.	23.	22.	22.	21.	25.	24.	26.	26.
23929 P	19.	20.	22.	16.	22.	21.	20.	26.	24.	27.	27.	24.	27.
23930 P	16.	15.	21.	22.	22.	21.	23.	25.	24.	26.	25.	27.	25.

P = PREGNANT NP = NOT PREGNANT (VALUES EXCLUDED FROM AVERAGES)

DAYS = DAYS OF PRESUMED GESTATION

ALL WEIGHTS WERE RECORDED IN GRAMS (G).

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 PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
 (SPONSOR'S REFERENCE NO. 06-376)

TABLE 20 (PAGE 6): MATERNAL FEED CONSUMPTION VALUES - PRESUMED GESTATION - INDIVIDUAL DATA

PREGNANCY																
STATUS DAYS 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 24 - 25																
RAT #	DOSAGE GROUP III						GROUP III						30 MKD			
23921 P	24.	28.	31.	27.	28.	13.	20.	DELIVERED	20.	DELIVERED	20.	DELIVERED	20.	DELIVERED	20.	DELIVERED
23922 P	29.	31.	28.	25.	17.	26.	24.	DELIVERED	24.	DELIVERED	24.	DELIVERED	24.	DELIVERED	24.	DELIVERED
23923 P	21.	22.	24.	26.	21.	20.	23.	DELIVERED	23.	DELIVERED	23.	DELIVERED	23.	DELIVERED	23.	DELIVERED
23924 P	25.	27.	26.	27.	20.	24.	21.	DELIVERED	21.	DELIVERED	21.	DELIVERED	21.	DELIVERED	21.	DELIVERED
23925 P	50.	34.	34.	33.	23.	28.	25.	DELIVERED	25.	DELIVERED	25.	DELIVERED	25.	DELIVERED	25.	DELIVERED
23926 P	27.	25.	27.	30.	20.	27.	28.	DELIVERED	28.	DELIVERED	28.	DELIVERED	28.	DELIVERED	28.	DELIVERED
23927 P	24.	28.	28.	21.	25.	27.	18.	DELIVERED	18.	DELIVERED	18.	DELIVERED	18.	DELIVERED	18.	DELIVERED
23928 P	21.	24.	26.	20.	25.	24.	21.	DELIVERED	21.	DELIVERED	21.	DELIVERED	21.	DELIVERED	21.	DELIVERED
23929 P	24.	27.	27.	20.	25.	25.	23.	DELIVERED	23.	DELIVERED	23.	DELIVERED	23.	DELIVERED	23.	DELIVERED
23930 P	28.	26.	25.	22.	24.	26.	26.	DELIVERED	26.	DELIVERED	26.	DELIVERED	26.	DELIVERED	26.	DELIVERED

P = PREGNANT NP = NOT PREGNANT (VALUES EXCLUDED FROM AVERAGES)
 DAYS = DAYS OF PRESUMED GESTATION
 ALL WEIGHTS WERE RECORDED IN GRAMS (G).

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ARGUS RESEARCH LABORATORIES, INC.

PROTOCOL 2XA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 20 (PAGE 7): MATERNAL FEED CONSUMPTION VALUES - PRESUMED GESTATION - INDIVIDUAL DATA

PREGNANCY													
STATUS DAYS													
RAT #	0	1	2	3	4	5	6	7	8	9	10	11	12 - 13
	DOSAGE GROUP IV				GROUP IV				90 MKD				
23931 P	19.	20.	15.	24.	20.	29.	27.	24.	24.	28.	27.	31.	30.
23932 P	21.	18.	19.	19.	22.	18.	19.	18.	21.	24.	24.	27.	29.
23933 P	19.	20.	21.	21.	21.	23.	20.	23.	23.	23.	24.	24.	24.
23934 P	18.	15.	19.	22.	23.	21.	22.	24.	26.	25.	24.	28.	25.
23935 P	14.	15.	13.	20.	16.	20.	18.	16.	18.	20.	20.	19.	20.
23936 P	16.	21.	23.	16.	23.	22.	23.	21.	19.	23.	23.	26.	27.
23937 P	19.	21.	21.	19.	22.	20.	21.	22.	20.	20.	20.	22.	25.
23938 P	17.	21.	18.	21.	21.	23.	22.	25.	24.	16.	24.	22.	25.
23939 P	12.	15.	14.	13.	11.	20.	20.	18.	18.	19.	24.	23.	24.
23940 P	21.	25.	18.	22.	16.	21.	13.	20.	22.	20.	17.	18.	20.

P = PREGNANT NP = NOT PREGNANT (VALUES EXCLUDED FROM AVERAGES)

DAYS = DAYS OF PRESUMED GESTATION

ALL WEIGHTS WERE RECORDED IN GRAMS (G).

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ARGUS RESEARCH LABORATORIES, INC.

PROTOCOL 2XA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 20 (PAGE 8): MATERNAL FEED CONSUMPTION VALUES - PRESUMED GESTATION - INDIVIDUAL DATA

PREGNANCY		STATUS DAYS 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25																
RAT #	DOSAGE	GROUP IV	GROUP IV	GROUP IV	GROUP IV	GROUP IV	GROUP IV	GROUP IV	GROUP IV	GROUP IV	GROUP IV	GROUP IV	GROUP IV	GROUP IV	GROUP IV	GROUP IV	GROUP IV	GROUP IV
23931 P	32.	32.	32.	33.	34.	31.	21.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.
23932 P	32.	29.	30.	30.	32.	22.	28.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.
23933 P	24.	23.	28.	28.	28.	21.	25.	24.	24.	24.	24.	24.	24.	24.	24.	24.	24.	24.
23934 P	29.	26.	31.	31.	31.	24.	29.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.
23935 P	20.	21.	20.	20.	22.	17.	18.	20.	20.	20.	20.	20.	20.	20.	20.	20.	20.	20.
23936 P	23.	28.	29.	29.	19.	28.	24.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.
23937 P	20.	14.	21.	21.	19.	19.	22.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.
23938 P	24.	27.	28.	28.	20.	27.	23.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.
23939 P	23.	19.	24.	24.	16.	21.	17.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.
23940 P	27.	28.	30.	30.	18.	23.	24.	16.	16.	16.	16.	16.	16.	16.	16.	16.	16.	16.

P = PREGNANT NP = NOT PREGNANT (VALUES EXCLUDED FROM AVERAGES)

DAYS = DAYS OF PRESUMED GESTATION

ALL WEIGHTS WERE RECORDED IN GRAMS (G).

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PROTOCOL 2XA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 20 (PAGE 9): MATERNAL FEED CONSUMPTION VALUES - PRESUMED GESTATION - INDIVIDUAL DATA

PREGNANCY													
STATUS DAYS													
0 - 1 1 - 2 2 - 3 3 - 4 4 - 5 5 - 6 6 - 7 7 - 8 8 - 9 9 - 10 10 - 11 11 - 12 12 - 13													
RAT #	DOSAGE GROUP		GROUP V		270 MKD								
	V		V										
23941 NP	1.	1.	DEAD										
23942 P	12.	0.											
23943 P	11.	1.				17.	22.	21.	24.	24.	24.	24.	24.
23944 P	9.	2.				17.	20.	18.	21.	20.	22.	21.	21.
23945 P	10.	1.				18.	18.	18.	21.	18.	22.	23.	23.
23946 NP	1.	DEAD				16.	16.	21.	23.	21.	24.	23.	23.
23947 NP	8.	DEAD											
23948 P	6.					14.	20.	21.	22.	22.	22.	23.	23.
23949 P	6.					16.	20.	19.	19.	21.	19.	22.	22.
23950 NP	1.	DEAD											

P = PREGNANT NP = NOT PREGNANT (VALUES EXCLUDED FROM AVERAGES)

DAYS = DAYS OF PRESUMED GESTATION

ALL WEIGHTS WERE RECORDED IN GRAMS (G).

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ARGUS RESEARCH LABORATORIES, INC.

PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 20 (PAGE 10): MATERNAL FEED CONSUMPTION VALUES - PRESUMED GESTATION - INDIVIDUAL DATA

PREGNANCY																
STATUS DAYS 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 24 - 25																
RAT #	DOSAGE	GROUP	V	GROUP V			270 MKD									
23941 NP	DEAD															
23942 P	26.	23.	24.	24.	24.	26.	26.	26.	20.	DELIVERED						
23943 P	23.	23.	23.	25.	25.	23.	25.	20.	DELIVERED							
23944 P	21.	19.	24.	23.	20.	27.	22.	21.	DELIVERED							
23945 P	23.	19.	24.	24.	16.	25.	12.	0.	DEAD DAY	21						
23946 NP	DEAD															
23947 NP	DEAD															
23948 P	21.	20.	21.	20.	23.	23.	19.	18.	DELIVERED							
23949 P	19.	20.	18.	16.	18.	20.	17.	18.	DELIVERED							
23950 NP	DEAD															

P = PREGNANT NP = NOT PREGNANT (VALUES EXCLUDED FROM AVERAGES)

DAYS = DAYS OF PRESUMED GESTATION

ALL WEIGHTS WERE RECORDED IN GRAMS (G).

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ARGUS RESEARCH LABORATORIES, INC.

PROTOCOL 2XA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 20 (PAGE 11): MATERNAL FEED CONSUMPTION VALUES - PRESUMED GESTATION - INDIVIDUAL DATA

PREGNANCY													
STATUS DAYS													
0 - 1 1 - 2 2 - 3 3 - 4 4 - 5 5 - 6 6 - 7 7 - 8 8 - 9 9 - 10 10 - 11 11 - 12 12 - 13													
RAT #	DOSAGE GROUP VI			GROUP VI			500 MKD						
23951 NP	2.	DEAD											
23952 NP	4.	0.	DEAD										
23953 NP	1.	DEAD											
23954 NP	7.	1.	DEAD										
23955 NP	7.	1.	DEAD										
23956 NP	2.	DEAD											
23957 NP	2.	DEAD											
23958 NP	1.	DEAD											
23959 NP	7.	DEAD											
23960 NP	0.	DEAD											

P = PREGNANT NP = NOT PREGNANT (VALUES EXCLUDED FROM AVERAGES)
DAYS = DAYS OF PRESUMED GESTATION
ALL WEIGHTS WERE RECORDED IN GRAMS (G).

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 PROTOCOL 2XA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
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TABLE 20 (PAGE 12): MATERNAL FEED CONSUMPTION VALUES - PRESUMED GESTATION - INDIVIDUAL DATA

PREGNANCY													
STATUS DAYS 13 - 14 14 - 15 15 - 16 16 - 17 17 - 18 18 - 19 19 - 20 20 - 21 21 - 22 22 - 23 23 - 24 24 - 25													
RAT #	DOSAGE	GROUP	VI	GROUP	VI	500 MKD							
23951	NP	DEAD											
23952	NP	DEAD											
23953	NP	DEAD											
23954	NP	DEAD											
23955	NP	DEAD											
23956	NP	DEAD											
23957	NP	DEAD											
23958	NP	DEAD											
23959	NP	DEAD											
23960	NP	DEAD											

P = PREGNANT NP = NOT PREGNANT (VALUES EXCLUDED FROM AVERAGES)
 DAYS = DAYS OF PRESUMED GESTATION
 ALL WEIGHTS WERE RECORDED IN GRAMS (G).

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PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 21 (PAGE 1): MATERNAL FEED CONSUMPTION VALUES - LACTATION - INDIVIDUAL DATA

DAY	1	2	3	4	5	6	1	4	4	6	1	6
DAM #	DOSAGE GROUP I GROUP I						0 (VEHICLE) MKD					
23901	13.	27.	55.	39.	42.	95.	81.	176.				
23902	628.	25.	34.	38.	40.	687.	78.	765.				
23903	28.	31.	45.	42.	52.	104.	94.	198.				
23904	DEAD 25											
23905	16.	24.	35.	45.	43.	75.	88.	163.				
23906	18.	26.	33.	38.	42.	77.	80.	157.				
23907	19.	35.	41.	33.	41.	95.	74.	169.				
23908	22.	31.	36.	37.	41.	89.	78.	167.				
23909												
23910	30.	38.	41.	47.	52.	109.	99.	208.				

ALL WEIGHTS ARE RECORDED IN GRAMS.

DAY = DAY OF LACTATION

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 (SPONSOR'S REFERENCE NO. 06-376)

TABLE 21 (PAGE 2): MATERNAL FEED CONSUMPTION VALUES - LACTATION - INDIVIDUAL DATA

DAM #	DAY 1 - 2 - 3 - 4 - 5 - 6 1 - 4 - 6 1 - 6									
	DOSAGE GROUP II GROUP II					10 MKD				
23911	10.	27.	23.	29.	42.	60.	71.	131.		
23912	21.	32.	44.	45.	54.	97.	99.	196.		
23913	11.	24.	32.	28.	35.	67.	63.	130.		
23914	27.	25.	37.	40.	42.	89.	82.	171.		
23915	DEAD	25								
23916	13.	23.	26.	38.	35.	62.	73.	135.		
23917	21.	34.	39.	54.	44.	94.	98.	192.		
23918	22.	29.	36.	40.	39.	87.	79.	166.		
23919	DEAD	DAY 23								
23920	27.	26.	36.	42.	43.	89.	85.	174.		

ALL WEIGHTS ARE RECORDED IN GRAMS.

DAY = DAY OF LACTATION

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(SPONSOR'S REFERENCE NO. 06-376)

TABLE 21 (PAGE 3): MATERNAL FEED CONSUMPTION VALUES - LACTATION - INDIVIDUAL DATA

DAY 1 - 2 - 3 - 4 - 5 - 6 1 - 4 - 6 1 - 6												
DAM #	DOSAGE GROUP III GROUP III 30 MKD											
23921	14.	22.	29.	32.	65.							
23922	23.	34.	31.	44.	45.	88.	89.	177.				
23923	13.	30.	36.	43.	43.	79.	86.	165.				
23924	21.	30.	28.	47.	44.	79.	91.	170.				
23925	14.	19.	30.	33.	37.	63.	70.	133.				
23926	11.	23.	28.	35.	40.	62.	75.	137.				
23927	14.	29.	33.	41.	43.	76.	84.	160.				
23928	17.	36.	36.	43.	50.	89.	93.	182.				
23929	24.	34.	38.	51.	47.	96.	98.	194.				
23930	16.	25.	32.	33.	44.	73.	77.	150.				

ALL WEIGHTS ARE RECORDED IN GRAMS.

DAY - DAY OF LACTATION

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 PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
 (SPONSOR'S REFERENCE NO. 06-376)

TABLE 21 (PAGE 4): MATERNAL FEED CONSUMPTION VALUES - LACTATION - INDIVIDUAL DATA

DAM #	DAY 1 - 2 - 3 - 4 - 5 - 6 1 - 4 - 6 1 - 6											
	DOSAGE GROUP IV GROUP IV						90 MKD					
23931	27.	34.	37.	48.	49.	98.	97.	88.	195.			
23932	16.	29.	32.	41.	47.	77.	88.	165.				
23933	13.	29.	42.	49.	52.	84.	101.	185.				
23934	15.	21.	29.	34.	44.	65.	78.	143.				
23935	8.	23.	25.	30.	34.	56.	64.	120.				
23936	18.	35.	39.	43.	49.	92.	92.	184.				
23937	11.	30.	36.	35.	42.	77.	77.	154.				
23938	17.	33.	38.	45.	47.	88.	92.	180.				
23939	19.	24.	23.	33.	41.	66.	74.	140.				
23940	7.	31.	34.	38.	42.	72.	80.	152.				

ALL WEIGHTS ARE RECORDED IN GRAMS.

DAY = DAY OF LACTATION

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ARGUS RESEARCH LABORATORIES, INC.

PROTOCOL 2XA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 21 (PAGE 5): MATERNAL FEED CONSUMPTION VALUES - LACTATION - INDIVIDUAL DATA

DAY	1	2	2	3	3	4	4	4	5	5	6	1	4	4	6	1	6
DAM #	DOSAGE GROUP			V GROUP			270 MKD										
23941	DEAD			3													
23942	14.			27.													
23943	13.			19.													
23944				34.													
23945				28.													
23946	DEAD DAY			21													
23947	DEAD			3													
23948	DEAD			5													
23949	17.			21.													
23950	DEAD			3													

ALL WEIGHTS ARE RECORDED IN GRAMS. DAY = DAY OF LACTATION

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ARGUS RESEARCH LABORATORIES, INC.
 PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
 (SPONSOR'S REFERENCE NO. 06-376)

TABLE 21 (PAGE 6): MATERNAL FEED CONSUMPTION VALUES - LACTATION - INDIVIDUAL DATA

DAY	1	2	2	3	3	4	4	5	5	6	1	4	4	6	1	6
DAM #	DOSAGE GROUP			VI GROUP VI			500 MKD									
23951	DEAD	2														
23952	DEAD	2														
23953	DEAD	2														
23954	DEAD	2														
23955	DEAD	2														
23956	DEAD	1														
23957	DEAD	1														
23958	DEAD	1														
23959	DEAD	1														
23960	DEAD	1														

ALL WEIGHTS ARE RECORDED IN GRAMS. DAY = DAY OF LACTATION

TSCA SANITIZED

PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 22 (PAGE 1): NATURAL DELIVERY, IMPLANTATION SITES, AND PUP VIABILITY AND SEX - INDIVIDUAL DATA

MATERNAL DOSAGE GROUP																		I		GROUP I		O (VEHICLE) MKO										TOTAL IMPLAN- TATIONS N
RAT/ LITTER NUMBER	DURATION OF GESTATION (DAYS)	LITTER DELIVERED		LIVE STILL-		TOTAL		NUMBER OF LIVE PUPS AT COMPLETION OF DAY POSTPARTUM																								
		N	BORN	N	BORN	N	BORN	I		4		6																				
								M	F	M	F	M	F	M	F	M	F	M	F	M	F											
23901	22	17	0	17	0	17	0	6	11	6	11	6	11	6	11	6	11	0														
23902	22	14	0	14	0	14	0	8	6	8	6	8	6	8	6	8	6	0														
23903	23	14	0	14	0	14	0	7	7	7	7	7	7	7	7	7	7	0														
23905	22	15	1	16	1	16	1	9	6	9	6	9	6	9	6	9	6	0														
23906	23	15	0	15	0	15	0	6	9	6	9	6	9	6	9	6	9	0														
23907	22	16	1	17	1	17	1	8	8	8	7	8	7	8	7	8	7	0														
23908	23	14	0	14	0	14	0	7	7	7	7	7	7	7	7	7	7	0														
23909	22	16(5)	0	16	0	16	0	5	6	-	-	-	-	-	-	-	-	0														
23910	23	13	0	13	0	13	0	9	4	9	4	9	4	9	4	9	4	0														

M = MALE F = FEMALE

() - NUMBER OF PUPS DYING PRIOR TO WEIGHING ON DAY 1 POSTPARTUM.

TSCA SANITIZED

PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 22 (PAGE 2): NATURAL DELIVERY, IMPLANTATION SITES, AND PUP VIABILITY AND SEX - INDIVIDUAL DATA

MATERNAL DOSAGE GROUP II GROUP II 10 MKD															
RAT/ LITTER NUMBER	DURATION OF GESTATION (DAYS)	LITTER DELIVERED		LIVE STILL-		TOTAL		NUMBER OF LIVE PUPS AT COMPLETION OF DAY POSTPARTUM						TOTAL IMPLAN- TATIONS N	
		BORN N	BORN N	BORN N	BORN N	1	M	F	M	F	M	F	6		
23911	22	13	2	15	4	9	4	9	4	9	4	9	4	9	0
23912	22	14	1	15	4	10	4	10	4	10	4	10	4	10	0
23913	23	8	0	8	4	4	4	4	4	4	4	4	4	4	0
23914	23	14	0	14	8	6	8	6	8	6	8	6	8	6	0
23916	22	13	0	13	8	5	8	5	8	5	8	5	8	5	0
23917	23	16	1	17	4	12	4	11	4	11	4	11	4	11	0
23918	23	15	0	15	7	8	7	8	7	8	7	8	7	8	0
23920	23	13	0	13	7	6	7	6	7	6	7	6	7	6	0

M = MALE F = FEMALE

M = MALE F = FEMALE

TSCA SANITIZED

PROTOCOL 2XA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 22 (PAGE 3): NATURAL DELIVERY, IMPLANTATION SITES, AND PUP VIABILITY AND SEX - INDIVIDUAL DATA

MATERNAL DOSAGE GROUP III													30 MKD			TOTAL IMPLAN- TATIONS N
RAT/ LITTER NUMBER	DURATION OF GESTATION (DAYS)	LITTER DELIVERED				NUMBER OF LIVE PUPS AT COMPLETION OF DAY POSTPARTUM										
		LIVE BORN		STILL- BORN		TOTAL BORN		1		4		6				
		N	N	N	N	N	N	M	F	M	F	M	F			
23921	22	15	0	15	0	15	5	10	5	10	5	10	0			
23922	22	14	0	14	0	14	8	6	8	6	8	6	0			
23923	23	13	0	13	0	13	5	8	5	8	5	8	0			
23924	22	15	0	15	0	15	7	8	7	8	7	8	0			
23925	23	4	0	4	0	4	-	4	-	4	-	4	0			
23926	22	15	0	15	0	15	7	8	6	8	6	8	0			
23927	22	16	0	16	0	16	7	9	7	9	7	9	0			
23928	22	18	0	18	0	18	8	10	8	8	8	8	0			
23929	23	16	1	17	1	17	7	9	7	9	7	9	0			
23930	22	14	1	15	1	15	9	5	9	5	9	5	0			
M - MALE													F - FEMALE			

M - MALE F - FEMALE

TSCA SANITIZED

PROTOCOL 2XA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 22 (PAGE 4): NATURAL DELIVERY, IMPLANTATION SITES, AND PUP VIABILITY AND SEX - INDIVIDUAL DATA

MATERNAL DOSAGE GROUP													GROUP IV				90 MKD				TOTAL IMPLAN- TATIONS N
RAT/ LITTER NUMBER	DURATION OF GESTATION (DAYS) N	LITTER DELIVERED				LIVE STILL- BORN				TOTAL BORN				NUMBER OF LIVE PUPS AT COMPLETION OF DAY POSTPARTUM							
		LIVE BORN		STILL- BORN		LIVE BORN		STILL- BORN		LIVE BORN		STILL- BORN		LIVE BORN		STILL- BORN					
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N			
23931	23	15	0	15	0	15	0	7	8	7	8	7	8	7	8	7	8	0			
23932	22	14	0	14	0	14	0	7	7	7	7	7	7	7	7	7	7	0			
23933	22	17	0	17	0	17	0	8	9	8	9	8	9	8	9	8	9	0			
23934	22	13	0	13	0	13	0	8	5	8	5	8	5	8	5	8	5	0			
23935	22	11	0	11	0	11	0	5	6	5	6	5	6	5	6	5	6	0			
23936	22	18	0	18	0	18	0	8	10	8	10	8	10	8	10	8	10	0			
23937	22	15	0	15	0	15	0	8	7	8	7	8	7	8	7	8	7	0			
23938	23	16	1	17	1	17	1	7	9	6	9	6	9	6	9	6	9	0			
23939	22	14	0	14	0	14	0	6	8	6	8	6	8	6	8	6	8	0			
23940	22	12	0	12	0	12	0	10	2	9	2	9	2	9	2	9	2	0			
M - MALE F - FEMALE																					

M - MALE F - FEMALE

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TABLE 22 (PAGE 5): NATURAL DELIVERY, IMPLANTATION SITES, AND PUP VIABILITY AND SEX - INDIVIDUAL DATA

MATERNAL DOSAGE GROUP														270 MKD				TOTAL IMPLAN- TATIONS N
RAT/ LITTER NUMBER	DURATION OF GESTATION (DAYS)	LITTER DELIVERED		V	GROUP V	NUMBER OF LIVE PUPS AT COMPLETION OF DAY POSTPARTUM												
		LIVE BORN	STILL- BORN			TOTAL BORN	1											
							N	N	N	M	F	M	F	M	F			
23942	22	16(4)	0	16		7	5	7	5	7	5			0				
23943	22	13	0	13		5	8	3	5	3	5			0				
23944	23	15(15)	0	15		-	-	-	-	-	-			0				
23948	23	9	0	9		3	6	2	4	2	4			0				
23949	23	2(2)	12	15(1)		-	-	-	-	-	-			0				

M = MALE F = FEMALE
() = NUMBER OF PUPS DYING PRIOR TO WEIGHING ON DAY 1 POSTPARTUM.
() = NUMBER OF PUPS IN WHICH CANNIBALIZATION AND/OR AUTOLYSIS PRECLUDED THE DETERMINATION OF VIABILITY.

TSCA SANITIZED

PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 23 (PAGE 1): PUP BODY WEIGHT LITTER AVERAGES FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

RAT/ LITTER NUMBER	MATERNAL DOSAGE GROUP I GROUP I 0 (VEHICLE) MKO									
	DAY 1		DAY 4		DAY 6		DAY 8		DAY 10	
	M	F	M	F	M	F	M	F	M	F
23901	5.7	5.4	5.5	7.2	7.0	7.1	9.5	8.1	8.6	
23902	6.4	6.0	6.2	8.4	8.0	8.2	10.8	10.8	10.8	
23903	7.4	6.8	7.1	9.7	9.2	9.5	12.1	11.7	11.9	
23905	5.8	5.6	5.7	8.3	7.8	8.1	11.2	10.6	11.0	
23906	6.8	6.0	6.3	9.3	8.6	8.8	11.3	9.7	10.4	
23907	6.3	6.1	6.2	9.0	8.9	9.0	11.4	11.2	11.3	
23908	7.1	6.4	6.7	9.2	8.8	9.0	11.9	11.2	11.6	
23909	NO SURVIVING PUPS									
23910	6.6	6.2	6.5	10.2	9.6	10.0	13.3	13.0	13.2	

M = MALE F = FEMALE T = TOTAL (SUM OF PUP WEIGHTS/NUMBER OF LIVE PUPS) DAY = DAY POSTPARTUM
ALL WEIGHTS WERE RECORDED IN GRAMS (G). MEAN LITTER WEIGHTS INCLUDE ONLY WEIGHTS OF LIVE PUPS.

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TABLE 23 (PAGE 2): PUP BODY WEIGHT LITTER AVERAGES FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

F - FEMALE
M - MALE
T - TOTAL (SUM OF PUP WEIGHTS/NUMBER OF LIVE PUPS)
DAY - DAY POSTPARTUM
ALL WEIGHTS WERE RECORDED IN GRAMS (G).
MEAN LITTER WEIGHTS INCLUDE ONLY WEIGHTS OF LIVE PUPS.

TSCA SANITIZED

PROTOCOL 2XA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 23 (PAGE 3): PUP BODY WEIGHT LITTER AVERAGES FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

MATERNAL DOSAGE GROUP III GROUP III 30 MKD													
RAT/ LITTER NUMBER	DAY 1		DAY 4		DAY 6		DAY 8		DAY 10		DAY 12		DAY 21
	M	F	M	F	M	F	M	F	M	F	M	F	
23921	5.8	5.3	5.5	8.0	7.4	7.6	10.0	9.4	9.6				
23922	6.1	6.0	6.0	8.9	8.6	8.8	11.4	11.1	11.2				
23923	5.9	5.6	5.7	9.3	8.8	9.0	12.2	11.5	11.8				
23924	6.0	5.8	5.9	8.7	8.2	8.4	11.1	10.6	10.9				
23925	---	7.6	7.6	---	12.1	12.1	---	15.4	15.4				
23926	5.4	5.4	5.4	7.9	7.3	7.6	9.8	9.3	9.6				
23927	5.8	5.6	5.7	8.2	8.0	8.1	9.9	9.8	9.8				
23928	5.9	5.3	5.6	8.0	7.7	7.9	10.4	10.0	10.2				
23929	5.6	5.6	5.6	7.8	8.1	8.0	10.7	11.0	10.9				
23930	5.8	5.6	5.8	8.5	8.2	8.4	11.1	10.8	11.0				

M = MALE F = FEMALE T = TOTAL (SUM OF PUP WEIGHTS/NUMBER OF LIVE PUPS) DAY = DAY POSTPARTUM
ALL WEIGHTS WERE RECORDED IN GRAMS (G). MEAN LITTER WEIGHTS INCLUDE ONLY WEIGHTS OF LIVE PUPS.

TSCA SANITIZED

PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 23 (PAGE 4): PUP BODY WEIGHT LITTER AVERAGES FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

RAT/ LITTER NUMBER	MATERNAL DOSAGE GROUP IV GROUP IV 90 MKD									
	DAY 1			DAY 4			DAY 6			
	M	F	T	M	F	T	M	F	T	
23931	6.5	6.0	6.2	10.0	9.6	9.8	12.0	11.4	11.6	
23932	5.7	5.4	5.6	7.8	7.7	7.8	10.1	9.9	10.0	
23933	5.3	5.1	5.2	7.2	6.8	7.0	9.2	9.1	9.2	
23934	5.7	5.3	5.6	8.5	7.8	8.2	11.2	10.6	10.9	
23935	5.8	5.3	5.5	7.0	7.4	7.2	9.2	8.4	8.7	
23936	5.4	5.2	5.3	7.4	7.0	7.2	9.1	9.0	9.0	
23937	5.5	4.9	5.2	7.3	6.4	6.9	9.9	8.4	9.2	
23938	5.9	5.3	5.6	7.9	7.4	7.6	10.8	10.2	10.4	
23939	5.2	5.0	5.1	7.5	7.2	7.4	10.0	9.7	9.8	
23940	5.7	5.4	5.7	7.9	7.8	7.9	11.1	11.4	11.2	

M = MALE F = FEMALE T = TOTAL (SUM OF PUP WEIGHTS/NUMBER OF LIVE PUPS) DAY = DAY POSTPARTUM
ALL WEIGHTS WERE RECORDED IN GRAMS (G). MEAN LITTER WEIGHTS INCLUDE ONLY WEIGHTS OF LIVE PUPS.

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TABLE 23 (PAGE 5): PUP BODY WEIGHT LITTER AVERAGES FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

MATERNAL DOSAGE GROUP V GROUP V 270 MKD												
RAT/ LITTER NUMBER	DAY 1			DAY 4			DAY 6			M	T	DAY = DAY POSTPARTUM
	M	F	T	M	F	T	M	F	T			
23942	4.3	4.4	4.4	5.7	6.4	6.0	7.2	7.9	7.5			
23943	4.7	4.7	4.7	6.6	6.8	6.7	8.4	8.8	8.7			
23944	4.6	4.2	4.4	NO SURVIVING PUPS								
23948	5.0	4.9	5.0	6.4	5.6	5.8	9.2	8.2	8.6			
23949	NO SURVIVING PUPS											

M = MALE F = FEMALE T = TOTAL (SUM OF PUP WEIGHTS/NUMBER OF LIVE PUPS) DAY = DAY POSTPARTUM
ALL WEIGHTS WERE RECORDED IN GRAMS (G). MEAN LITTER WEIGHTS INCLUDE ONLY WEIGHTS OF LIVE PUPS.

TSCA SANITIZED

PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDD 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 24 (PAGE 1): PUP BODY WEIGHTS FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

PUP #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
RAT/ LITTER #	MATERNAL DOSAGE GROUP I GROUP I 0 (VEHICLE) MKD LACTATION DAY 1																			
23901	5.4	5.8	5.7	5.6	5.8	5.7	5.4	5.7	5.4	5.7	5.5	5.5	5.4	5.5	5.4	5.2	5.3			
23902	6.2	6.8	6.3	6.3	6.3	6.8	5.6	6.5	6.3	5.7	6.2	6.0	5.9	5.9						
23903	7.2	7.7	7.3	7.1	7.3	7.6	7.4	7.0	7.3	6.3	6.8	6.5	6.8	7.2						
23905	5.6	5.6	5.6	6.3	5.4	6.0	5.7	6.4	MS	MA	5.8	5.4	5.6	5.7	5.3	5.6				
23906	6.6	6.5	7.4	7.0	7.0	6.3	5.7	6.6	6.1	5.7	4.2	6.4	6.2	6.6	6.4					
23907	6.5	6.0	6.3	6.7	5.7	6.5	5.9	6.8	MS	6.3	5.9	6.7	6.0	5.6	6.3	6.1	6.1			
23908	7.6	7.1	6.8	6.8	7.0	7.2	7.1	6.9	6.0	6.5	5.9	6.6	6.3	6.3	6.3	6.1	6.1			
23909	MX 1	MX 1	MX 1	MX 1	MX 1	FX 1	FX 1	FX 1	FX 1	FX 1	FX 1	FX 1	FX 1	FX 1	FX 1	FX 1	FX 1			
23910	5.9	6.4	6.5	7.2	7.0	7.4	5.8	6.9	6.8	5.9	6.2	6.3	6.6							

ALL WEIGHTS WERE RECORDED IN GRAMS (G). MEAN LITTER WEIGHTS INCLUDE ONLY WEIGHTS OF LIVE PUPS.
FIRST LETTER -- M-MALE, F-FEMALE, U-SEX UNDETERMINABLE
SECOND LETTER -- A-ALIVE, S-STILLBORN, U-UNCERTAIN, D-DIED, C-CULLED, M-MISSING (PRESUMED CANNIBALIZED), X-OTHER
NUMBER FOLLOWING "SECOND LETTER" INDICATES THE DAY POSTPARTUM THE EVENT OCCURRED.

TSCA SANITIZED

PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 24 (PAGE 21): PUP BODY WEIGHTS FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

PUP #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23																		
RAT/ LITTER #	MATERNAL DOSAGE GROUP II										LACTATION DAY 1									
	GROUP II										10 MKD									
23911	5.6	6.1	6.2	6.1	MS	5.6	5.7	5.9	5.6	6.2	6.0	5.6	5.8	5.9	FS					
23912	5.9	6.1	6.2	6.5	5.7	5.6	5.5	5.4	5.8	5.5	5.7	5.2	5.0	5.2	FS					
23913	6.8	7.1	6.0	6.5	6.3	5.7	6.5	6.5												
23914	6.5	6.5	7.1	7.5	6.0	6.7	6.7	6.8	6.7	6.2	6.2	6.3	6.5	6.2						
23916	5.4	6.0	5.2	5.4	5.2	5.0	5.6	5.4	5.2	4.8	5.1	5.1	5.4							
23917	6.8	6.6	5.2	6.2	MS	4.8	5.3	6.1	5.2	6.2	5.7	6.1	5.0	5.9	5.5	6.0	4.7			
23918	5.4	6.1	5.7	7.1	7.3	6.4	5.8	5.0	5.8	6.5	6.5	6.4	6.2	6.2	6.4					
23920	7.4	6.7	6.8	7.0	6.8	7.1	6.6	6.1	6.5	6.8	7.2	6.2	7.3							

ALL WEIGHTS WERE RECORDED IN GRAMS (G). MEAN LITTER WEIGHTS INCLUDE ONLY WEIGHTS OF LIVE PUPS.
FIRST LETTER -- M-MALE, F-FEMALE, U-SEX UNDETERMINABLE
SECOND LETTER -- A-ALIVE, S-STILBORN, U-UNCERTAIN, D-DIED, C-CULLED, M-MISSING (PRESUMED CANNIBALIZED), X-OTHER
NUMBER FOLLOWING "SECOND LETTER" INDICATES THE DAY POSTPARTUM THE EVENT OCCURRED.

TSCA SANITIZED

PROTOCOL 2XA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDD 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 24 (PAGE 3): PUP BODY WEIGHTS FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

PUP #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
RAT/ LITTER #	MATERNAL DOSAGE GROUP III GROUP III 30 MKD LACTATION DAY 1																			
23921	6.0	6.0	5.3	5.8	5.8	4.6	5.5	5.7	5.7	5.8	5.2	5.4	5.3	5.1	4.9					
23922	6.0	6.3	5.8	6.6	6.0	6.1	5.8	6.3	6.0	5.8	5.7	6.2	6.5	5.7						
23923	6.1	4.8	6.1	5.9	6.4	5.3	5.9	5.3	5.8	5.6	5.6	5.4	5.5							
23924	5.8	6.1	6.3	5.9	6.0	5.8	6.2	5.5	5.5	5.9	5.3	5.9	5.8	6.1	6.0					
23925	7.5	7.6	7.6	7.8																
23926	5.7	6.0	5.7	5.6	5.5	3.8	5.7	5.7	4.8	5.3	5.7	5.4	5.2	5.8	5.0					
23927	5.6	6.0	5.9	5.5	5.9	5.9	5.7	5.2	5.5	6.0	5.6	5.6	6.3	5.3	5.5					
23928	6.0	6.5	5.9	5.3	5.9	6.0	5.9	6.0	5.5	6.0	4.9	5.8	4.9	4.8	5.5	5.5				
23929	5.4	5.4	5.9	5.4	5.8	6.1	5.5	5.0	6.3	5.8	5.8	5.2	6.4	5.3	5.3	5.4	5.9	5.0		
23930	6.1	6.1	6.1	5.7	5.7	5.6	5.8	5.6	6.0	MS	5.6	5.7	5.4	5.7	5.4					

ALL WEIGHTS WERE RECORDED IN GRAMS (G). MEAN LITTER WEIGHTS INCLUDE ONLY WEIGHTS OF LIVE PUPS.
FIRST LETTER -- M-MALE, F-FEMALE, U-SEX UNDETERMINABLE
SECOND LETTER -- A-ALIVE, S-STILLBORN, U-UNCERTAIN, D-DIED, C-CULLED, M-MISSING (PRESUMED CANNIBALIZED), X-OTHER
NUMBER FOLLOWING "SECOND LETTER" INDICATES THE DAY POSTPARTUM THE EVENT OCCURRED.

TSCA SANITIZED

PROTOCOL 2XA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 24 (PAGE 4): PUP BODY WEIGHTS FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

PUP #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23																		
RAT/ LITTER #	MATERNAL DOSAGE GROUP IV				GROUP IV				90 MKD				LACTATION DAY 1							
23931	6.6	7.0	6.3	6.8	6.5	5.8	6.6	6.6	6.3	5.8	5.5	6.1	6.1	5.8	5.6					
23932	6.0	5.5	5.9	5.7	5.4	5.6	6.1	5.3	5.9	5.1	5.1	5.4	5.6	5.4						
23933	5.3	5.2	5.2	5.5	4.8	6.0	4.9	5.2	4.9	5.5	4.7	5.3	5.5	4.8	5.3	5.4	4.7			
23934	5.4	6.6	5.7	6.0	6.2	4.6	5.6	5.8	4.8	5.1	5.6	5.3	5.9							
23935	5.7	6.3	6.0	5.4	5.8	5.2	5.6	5.3	5.1	5.0	5.4									
23936	5.6	5.8	4.9	5.4	5.5	5.9	5.1	5.4	5.4	4.9	5.3	5.2	4.5	5.1	5.2	5.8	5.1	5.2		
23937	5.6	5.4	5.8	5.4	5.6	5.7	5.3	5.4	4.5	5.0	5.3	5.4	4.7	4.4	5.3					
23938	5.8	5.7	6.2	5.8	6.0	5.8	5.9	4.4	5.2	5.9	5.4	5.5	5.0	5.5	5.2	5.5	FS			
23939	5.2	4.9	4.8	5.5	4.9	5.6	4.8	4.9	4.9	5.0	5.2	5.2	4.9	5.1						
23940	5.5	5.8	6.0	5.7	5.4	5.5	5.9	5.9	5.4	6.0	5.1	5.8								

ALL WEIGHTS WERE RECORDED IN GRAMS (G). MEAN LITTER WEIGHTS INCLUDE ONLY WEIGHTS OF LIVE PUPS.
FIRST LETTER -- M-MALE, F-FEMALE, U-SEX UNDETERMINABLE
SECOND LETTER -- A-ALIVE, S-STILLBORN, U-UNCERTAIN, D-DIED, C-CULLED, M-MISSING (PRESUMED CANNIBALIZED), X-OTHER
NUMBER FOLLOWING "SECOND LETTER" INDICATES THE DAY POSTPARTUM THE EVENT OCCURRED.

TSCA SANITIZED

PROTOCOL 2XA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 24 (PAGE 5): PUP BODY WEIGHTS FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

PUP #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23																		
RAT/ LITTER #	MATERNAL			DOSAGE GROUP V			GROUP V			270 MKD			LACTATION DAY 1							
23942	4.5	4.5	4.6	4.2	4.3	4.1	4.1	4.3	4.4	4.4	4.1	4.3	4.1	4.7	4.5	4.6				
23943	4.9	4.5	4.9	4.6	4.6	4.6	4.6	4.8	4.5	4.7	4.6	4.6	4.9							
23944	4.6	MD 1	MD 1	MD 1	MD 1	MD 1	MD 1	MD 1	MD 1	MD 1	MD 1	FD 1	FD 1	FD 1	FD 1	FD 1				
23948	4.6	5.4	5.0	5.3	5.0	4.5	4.5	5.0	5.3											
23949	MD 1	MD 1	MS	MS	MS	MS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	UU

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PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 24 (PAGE 6): PUP BODY WEIGHTS FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

PUP #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23																		
RAT/ LITTER #	MATERNAL DOSAGE			GROUP I			GROUP I			O (VEHICLE) MKD			LACTATION DAY 4							
23901	7.5	7.6	6.9	7.3	6.9	7.3	7.0	6.4	6.7	7.0	6.9	7.3	7.5	7.5	6.5	7.3	7.5			
23902	8.7	9.0	7.6	8.5	9.2	8.5	7.4	8.4	8.5	7.9	7.6	8.1	8.1	8.0						
23903	9.8	10.0	10.2	10.0	8.9	9.9	9.4	8.6	9.1	9.4	9.3	9.6	9.4	9.2						
23905	8.4	8.5	9.2	7.5	8.0	8.2	8.2	9.0	MS	8.0	8.2	8.0	7.4	7.9	7.7	7.8				
23906	8.5	9.6	8.4	9.5	9.7	10.1	6.0	8.9	8.6	9.4	8.4	9.0	8.4	9.4	8.9					
23907	9.1	8.9	10.2	9.4	9.1	9.6	8.2	7.9	MS	8.7	9.2	9.1	8.8	9.3	8.7	8.8	FD 2			
23908	9.6	9.5	9.1	8.8	9.4	9.3	8.9	8.9	8.7	8.7	8.5	8.8	8.7	9.1						
23909	MX 1	MX 1	MX 1	MX 1	MX 1	FX 1	FX 1	FX 1	FX 1	FX 1	FX 1	UX 1	UX 1	UX 1	UX 1	UX 1				
23910	10.1	9.7	10.3	10.2	11.8	9.7	10.6	10.5	8.9	9.5	9.7	9.5	9.9							

ALL WEIGHTS WERE RECORDED IN GRAMS (G). MEAN LITTER WEIGHTS INCLUDE ONLY WEIGHTS OF LIVE PUPS.
FIRST LITTER -- M-MALE, F-FEMALE, U-SEX UNDETERMINABLE
SECOND LITTER -- A-ALIVE, S-STILLBORN, U-UNCERTAIN, D-DIED, C-CULLED, M-MISSING (PRESUMED CANNIBALIZED), X-OTHER
NUMBER FOLLOWING "SECOND LETTER" INDICATES THE DAY POSTPARTUM THE EVENT OCCURRED.

TSCA SANITIZED

PROTOCOL 2XA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 24 (PAGE 7): PUP BODY WEIGHTS FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

PUP #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
RAT/ LITTER #	MATERIAL DOSAGE GROUP II																			
	GROUP II										LACTATION DAY 4									
23911	8.1	8.1	7.6	7.7	MS	8.1	7.5	7.9	8.1	8.2	8.3	7.8	7.8	7.9	FS					
23912	8.0	8.9	8.5	8.7	7.8	8.5	7.6	7.9	8.2	7.9	8.1	7.5	7.8	7.9	FS					
23913	10.2	9.1	8.7	9.8	8.8	9.1	9.9	9.8												
23914	7.8	8.7	8.6	9.5	8.2	9.7	8.8	9.0	7.9	8.4	8.6	8.7	8.4	8.4						
23916	8.4	7.7	8.8	8.6	8.3	8.2	9.0	8.3	8.0	7.9	8.3	7.7	8.4							
23917	9.8	9.9	8.4	9.8	MS	9.1	9.3	9.8	8.9	8.3	8.3	8.7	7.7	8.3	7.5	8.2	FM 3			
23918	9.2	9.7	9.5	9.3	8.5	8.3	10.0	9.3	7.5	9.6	8.9	9.3	9.5	9.7	9.4					
23920	10.2	9.9	10.2	10.6	9.2	9.4	10.0	9.1	8.9	10.0	9.7	9.7	8.3							

ALL WEIGHTS WERE RECORDED IN GRAMS (G). MEAN LITTER WEIGHTS INCLUDE ONLY WEIGHTS OF LIVE PUPS.
FIRST LETTER -- M-MALE, F-FEMALE, U-SEX UNDETERMINABLE
SECOND LETTER -- A-ALIVE, S-STILLBORN, U-UNCERTAIN, D-DIED, C-CULLED, M-MISSING (PRESUMED CANNIBALIZED), X-OTHER
NUMBER FOLLOWING "SECOND LETTER" INDICATES THE DAY POSTPARTUM THE EVENT OCCURRED.

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PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 24 (PAGE 8): PUP BODY WEIGHTS FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

PUP #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23																		
RAT/ LITTER #	MATERNAL DOSAGE GROUP III				GROUP III				30 MKD				LACTATION DAY 4							
23921	8.2	8.0	7.9	7.7	8.2	8.0	7.0	7.4	7.5	8.3	7.6	7.2	6.7	6.7	7.2					
23922	7.9	8.9	9.3	8.9	9.3	9.4	9.5	7.8	8.2	8.7	8.6	9.5	8.4	8.2						
23923	9.6	9.6	9.5	9.5	8.3	8.5	9.0	8.4	9.0	8.7	8.8	9.3	8.8							
23924	8.8	8.8	8.6	8.7	8.2	9.2	8.4	8.4	8.8	8.2	7.5	8.3	8.5	7.5	8.0					
23925	12.0	11.7	12.1	12.7																
23926	8.4	8.3	7.6	7.9	7.1	8.1	MD 2	7.1	7.3	6.7	7.5	7.1	7.1	7.7	7.8					
23927	8.2	8.2	8.0	8.7	8.1	7.7	8.8	7.9	8.0	8.6	8.4	8.6	8.8	7.6	6.9	7.0				
23928	7.6	7.9	7.9	8.1	7.2	8.9	8.4	8.3	7.1	8.2	7.1	7.9	8.7	8.0	7.4	7.2	FD 2	FD 2		
23929	8.1	7.4	7.8	8.0	8.0	7.3	8.3	7.5	7.7	8.6	7.4	9.2	8.5	7.4	7.8	8.6	S			
23930	8.0	9.1	8.7	8.0	8.4	8.4	9.1	7.9	8.6	MS	7.8	8.2	8.1	8.8	7.9					

ALL WEIGHTS WERE RECORDED IN GRAMS (G). MEAN LITTER WEIGHTS INCLUDE ONLY WEIGHTS OF LIVE PUPS.
FIRST LETTER -- M-MALE, F-FEMALE, U-SEX UNDETERMINABLE
SECOND LETTER -- A-ALIVE, S-STILLBORN, U-UNCERTAIN, D-DIED, C-CULLED, M-MISSING (PRESUMED CANNIBALIZED), X-OTHER
NUMBER FOLLOWING "SECOND LETTER" INDICATES THE DAY POSTPARTUM THE EVENT OCCURRED.

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PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 24 (PAGE 9): PUP BODY WEIGHTS FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

PUP #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20																				
21	22	23																																						
RAT/ LITTER #	MATERIAL DOSAGE GROUP IV										GROUP IV										90 MKD										LACTATION DAY 4									
229331	10.1	10.4	11.2	9.9	9.2	10.2	9.4	9.6	9.6	9.0	9.8	10.4	10.6	9.4	8.1																									
229332	7.7	8.1	7.5	8.0	8.1	7.8	7.3	8.7	7.6	7.5	7.6	7.9	7.1	7.7																										
229333	6.7	7.4	7.2	7.4	7.4	6.6	7.4	7.5	6.8	7.0	6.3	7.4	6.6	7.4	6.3	6.9	6.9																							
229334	8.8	8.1	8.8	8.5	9.3	9.4	6.4	8.5	9.0	8.0	7.2	8.5	6.5																											
229335	6.8	7.1	7.4	6.8	7.1	7.4	7.6	7.3	7.1	7.1	7.6																													
229336	7.7	6.3	8.1	7.8	7.6	8.2	6.6	6.9	7.0	6.6	7.4	5.7	7.0	7.7	7.9	6.8	7.1	6.9																						
229337	7.8	7.0	7.6	6.9	8.0	7.1	6.9	7.3	5.4	6.6	5.4	6.9	7.3	6.1	7.3																									
229338	7.8	7.6	8.6	7.9	7.8	7.6	MD 2	7.2	7.4	7.1	7.6	8.6	6.1	6.9	7.8	7.8	FS																							
229339	8.0	7.6	7.3	7.5	7.4	7.4	7.2	6.8	7.1	7.3	7.4	7.9	6.4	7.6																										
229340	7.9	7.8	8.5	8.1	6.9	8.4	8.2	7.6	7.5	MM 2	7.9	7.8																												

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PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 24 (PAGE 10): PUP BODY WEIGHTS FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

PUP #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20																				
	21	22	23																																					
RAT/ LITTER #	MATERNAL DOSAGE GROUP V										GROUP V										270 MKD										LACTATION DAY 4									
23942	4.5	5.9	6.0	5.5	5.7	5.6	6.6	MD 1	MD 1	MD 1	6.5	6.1	6.3	7.1	5.9	FD 1																								
23943	5.9	6.3	7.5	MD 2	MD 2	6.9	7.0	6.9	6.5	6.6	FD 2	FD 2	FD 2	FD 2																										
23944	MD 1	MD 1	MD 1	MD 1	MD 1	MD 1	MD 1	MD 1	MD 1	MD 1	FD 1	FD 1	FD 1	FD 1	FD 1	FD 1																								
23948	6.9	5.9	MM 3	6.5	7.5	4.3	4.0	FM 2	FM 2	FM 2	FS	FS	FS	FS	FS	FS																								
23949	MD 1	MD 1	MS	MS	MS	MS	MS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	UU																					

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PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDD 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 24 (PAGE 11): PUP BODY WEIGHTS FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

PUP #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
RAT/ LITTER #	MATERNAL DOSAGE GROUP I GROUP I 0 (VEHICLE) MKD LACTATION DAY 6																			
23901	9.6	8.3	9.6	9.9	9.9	9.9	8.6	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	9.1	8.8			
23902	11.6	11.3	11.0	11.2	8.6	11.5	10.0	11.1	11.1	10.9	10.8	10.0	11.2	10.8						
23903	10.7	12.4	12.3	11.6	12.8	13.0	12.2	11.7	11.1	11.8	11.3	12.1	12.1	11.8						
23905	11.9	11.1	10.8	11.4	11.8	11.4	10.8	11.4	MS	10.1	11.0	10.8	10.2	9.7	11.3	10.7				
23906	12.0	10.9	12.3	10.7	11.0	11.0	11.0	10.7	5.0	11.0	10.3	10.7	11.2	10.8	6.8					
23907	12.3	11.4	10.1	11.2	11.2	11.8	10.2	12.6	MS	11.6	11.6	11.0	11.7	10.8	10.8	10.7	FD 2			
23908	12.0	12.6	11.7	12.3	11.3	12.1	11.3	11.6	10.9	11.2	10.9	11.5	11.1	11.5						
23909	MX 1	MX 1	MX 1	MX 1	MX 1	FX 1	FX 1	FX 1	FX 1	FX 1	FX 1	UX 1	UX 1	UX 1	UX 1	UX 1	UX 1			
23910	13.5	11.7	14.3	14.2	13.5	13.4	14.0	12.3	12.7	13.4	12.5	12.9	13.0							

ALL WEIGHTS WERE RECORDED IN GRAMS (G). MEAN LITTER WEIGHTS INCLUDE ONLY WEIGHTS OF LIVE PUPS.
FIRST LETTER -- M-MALE, F-FEMALE, U-SEX UNDETERMINABLE
SECOND LETTER -- A-ALIVE, S-STILLBORN, U-UNCERTAIN, D-DIED, C-CULLED, M-MISSING (PRESUMED CANNIBALIZED), X-OTHER
NUMBER FOLLOWING "SECOND LETTER" INDICATES THE DAY POSTPARTUM THE EVENT OCCURRED.

TSCA SANITIZED

PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 24 (PAGE 12): PUP BODY WEIGHTS FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

PUP #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
RAT/ LITTER #	MATERNAL DOSAGE GROUP II										LACTATION DAY 6									
	GROUP II										10 MKD									
23911	10.9	10.8	10.3	10.2	MS	9.6	10.2	10.4	10.1	10.2	10.9	10.1	10.7	10.1	FS					
23912	12.7	12.3	11.5	9.6	11.0	10.8	10.4	11.3	10.6	11.2	10.7	11.0	10.1	9.6	FS					
23913	11.7	12.4	11.3	10.7	11.2	12.3	11.5	12.2												
23914	11.5	11.5	10.8	11.6	10.2	10.2	10.7	11.7	11.1	10.2	11.0	10.7	10.3	10.3						
23916	11.1	10.3	10.1	10.5	10.3	10.6	10.3	10.6	10.4	10.0	9.5	10.7	10.6							
23917	12.3	12.9	12.7	10.4	MS	10.4	11.7	12.2	11.5	11.7	9.6	8.8	10.9	11.1	9.7	10.2	FM 3			
23918	10.9	10.6	12.2	12.5	10.9	11.4	12.7	12.3	11.4	9.8	11.8	10.8	12.5	10.9	12.2					
23920	12.8	13.3	12.2	12.4	13.6	13.1	13.6	12.8	11.5	13.2	11.5	11.4	12.4							

ALL WEIGHTS WERE RECORDED IN GRAMS (G). MEAN LITTER WEIGHTS INCLUDE ONLY WEIGHTS OF LIVE PUPS.
FIRST LETTER -- M-MALE, F-FEMALE, U-SEX UNDETERMINABLE
SECOND LETTER -- A-ALIVE, S-STILLBORN, U-UNCERTAIN, D-DIED, C-CULLED, M-MISSING (PRESUMED CANNIBALIZED), X-OTHER
NUMBER FOLLOWING "SECOND LETTER" INDICATES THE DAY POSTPARTUM THE EVENT OCCURRED.

TSCA SANITIZED

PROTOCOL 2XA00077 : ORAL (SAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 24 (PAGE 13): PUP BODY WEIGHTS FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

PUP #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20										
21	22	23																												
RAT/ LITTER #	MATERNAL DOSAGE GROUP III										30 MKD										LACTATION DAY 6									
23921	10.0	10.3	9.9	9.7	10.3	7.9	8.9	9.9	9.4	9.1	10.1	9.8	9.7	8.7	10.3															
23922	11.5	9.9	11.5	11.9	10.4	11.8	11.9	12.0	10.3	11.0	11.3	11.1	10.8	12.0																
23923	12.2	13.3	11.8	12.5	11.0	11.3	11.5	11.2	11.9	11.5	11.3	12.2	11.2																	
23924	10.3	11.4	11.6	10.6	11.2	11.6	11.3	10.9	10.8	10.9	9.3	10.2	11.5	10.3	11.3															
23925	16.0	14.7	15.6	15.2																										
23926	10.4	10.5	8.8	10.0	9.9	9.5	MD 2	10.2	8.9	9.2	9.5	10.0	9.4	8.4	9.0															
23927	11.2	10.3	10.0	11.0	10.0	8.3	8.7	9.6	10.6	8.7	9.3	10.2	9.6	10.1	9.6	10.2														
23928	10.1	11.3	11.8	9.9	9.5	10.7	10.3	9.6	10.7	9.3	10.7	9.1	10.2	9.8	9.7	10.6	FD 2													
23929	10.9	11.9	9.5	10.8	11.0	10.3	10.6	10.7	11.9	11.5	10.2	12.2	12.4	9.9	9.9	10.7	S													
23930	10.7	11.0	11.0	10.9	11.8	10.6	11.9	11.2	10.6	MS	11.3	10.6	11.0	10.6	10.7															

ALL WEIGHTS WERE RECORDED IN GRAMS (G). MEAN LITTER WEIGHTS INCLUDE ONLY WEIGHTS OF LIVE PUPS.
FIRST LETTER -- M-MALE, F-FEMALE, U-SEX UNDETERMINABLE
SECOND LETTER --- A-ALIVE, S-STILLBORN, U-UNCERTAIN, D-DIED, C-CULLED, M-MISSING (PRESUMED CANNIBALIZED), X-OTHER
NUMBER FOLLOWING "SECOND LETTER" INDICATES THE DAY POSTPARTUM THE EVENT OCCURRED.

TSCA SANITIZED

PROTOCOL 2XA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 24 (PAGE 14): PUP BODY WEIGHTS FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

PUP #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
RAT/ LITTER #	MATERNAL DOSAGE GROUP IV																			
	GROUP IV										90 MKD									
	GROUP IV										LACTATION DAY 6									
23931	11.3	11.8	11.4	11.6	12.7	12.4	12.6	12.1	9.2	12.3	10.7	12.1	10.8	11.6	12.2					
23932	9.9	10.1	10.8	10.5	9.8	9.9	9.9	10.7	9.8	9.6	9.9	9.5	10.3	9.7						
23933	9.6	9.2	8.6	10.0	9.6	8.9	9.7	8.0	9.4	9.5	9.7	8.9	8.7	9.4	10.1	8.3	8.0			
23934	12.1	11.1	10.8	11.2	8.5	12.6	11.8	11.1	12.3	8.9	10.7	11.4	9.7							
23935	9.9	8.8	8.7	9.4	9.1	8.7	8.1	8.6	8.2	8.1	8.5									
23936	9.2	8.5	10.0	8.9	9.9	7.8	8.7	9.6	9.5	8.1	9.1	7.3	10.0	8.7	9.5	8.7	9.2	10.3		
23937	10.0	9.9	10.4	9.4	9.5	10.2	10.3	9.5	9.4	8.5	9.6	6.7	8.2	7.9	8.8					
23938	11.7	10.8	10.4	10.6	10.5	10.6	MD 2	10.2	9.0	10.2	9.6	10.4	10.0	10.5	10.1	12.2	FS			
23939	10.2	9.8	9.8	10.2	9.8	10.4	8.8	10.4	9.9	9.4	8.8	10.1	10.8	9.4						
23940	11.6	9.2	11.6	11.2	11.1	10.9	11.7	11.8	11.1	MM 2	11.4	11.5								

ALL WEIGHTS WERE RECORDED IN GRAMS (G). MEAN LITTER WEIGHTS INCLUDE ONLY WEIGHTS OF LIVE PUPS.
FIRST LETTER -- M-MALE, F-FEMALE, U-SEX UNDETERMINABLE
SECOND LETTER -- A-ALIVE, S-STILLBORN, U-UNCERTAIN, D-DIED, C-CULLED, M-MISSING (PRESUMED CANNIBALIZED), X-OTHER
NUMBER FOLLOWING "SECOND LETTER" INDICATES THE DAY POSTPARTUM THE EVENT OCCURRED.

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(SPONSOR'S REFERENCE NO. 06-376)

TABLE 24 (PAGE 15): PUP BODY WEIGHTS FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

PUP #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
RAT/ LITTER #	MATERNAL DOSAGE GROUP V										GROUP V									
											270 MKD									

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 (SPONSOR'S REFERENCE NO. 06-376)

TABLE 25 (PAGE 1): PUP VITAL STATUS AND SEX FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

PUP #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RAT/ LITTER #	MATERNAL DOSAGE GROUP I GROUP I 0 (VEHICLE) MKD																						
23901	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M
23902	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M
23903	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M
23905	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M
23906	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M
23907	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M
23908	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M
23909	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M
23910	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M	A	M

FIRST LETTER -- M-MALE, F-FEMALE, U-SEX UNDETERMINABLE
 SECOND LETTER -- A-ALIVE, S-STILLBORN, U-UNCERTAIN, D-DIED, C-CULLED, M-MISSING (PRESUMED CANNIBALIZED), X-OTHER
 NUMBER FOLLOWING "SECOND LETTER" INDICATES THE DAY POSTPARTUM THE EVENT OCCURRED.

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(SPONSOR'S REFERENCE NO. 06-376)

TABLE 25 (PAGE 2): PUP VITAL STATUS AND SEX FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

PUP #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RAT/ LITTER #	MATERNAL DOSAGE GROUP II										GROUP II										10 MKD		
23911	MA	MA	MA	MA	MA	MS	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA
23912	MA	MA	MA	MA	MA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA
23913	MA	MA	MA	MA	MA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA
23914	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA
23916	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA
23917	MA	MA	MA	MA	MA	MS	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA
23918	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA
23920	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA

FIRST LETTER -- M-MALE, F-FEMALE, U-SEX UNDETERMINABLE

SECOND LETTER -- A-ALIVE, S-STILLBORN, U-UNCERTAIN, D-DIED, C-CULLED, M-MISSING (PRESUMED CANNIBALIZED), X-OTHER

NUMBER FOLLOWING "SECOND LETTER" INDICATES THE DAY POSTPARTUM THE EVENT OCCURRED.

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 (SPONSOR'S REFERENCE NO. 06-376)

TABLE 25 (PAGE 3): PUP VITAL STATUS AND SEX FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

PUP #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RAT/ LITTER #	MATERNAL DOSAGE GROUP III										30 MKD												
23921	M	A	M	A	M	A	F	A	F	A	F	A	F	A	F	A							
23922	M	A	M	A	M	A	M	A	M	A	F	A	F	A	F	A							
23923	M	A	M	A	M	A	F	A	F	A	F	A	F	A	F	A							
23924	M	A	M	A	M	A	M	A	F	A	F	A	F	A	F	A							
23925	F	A	F	A	F	A	M	A	F	A	F	A	F	A	F	A							
23926	M	A	M	A	M	A	M	D	2	F	A	F	A	F	A	F							
23927	M	A	M	A	M	A	M	A	F	A	F	A	F	A	F	A	F						
23928	M	A	M	A	M	A	M	A	F	A	F	A	F	A	F	A	F	A	FD	2			
23929	M	A	M	A	M	A	M	A	F	A	F	A	F	A	F	A	F	A	U	S			
23930	M	A	M	A	M	A	M	A	M	A	M	S	F	A	F	A	F	A	F	A	F	A	

FIRST LETTER -- M-MALE, F-FEMALE, U-SEX UNDETERMINABLE
 SECOND LETTER -- A-ALIVE, S-STILLBORN, U-UNCERTAIN, D-DIED, C-CULLED, M-MISSING (PRESUMED CANNIBALIZED), X-OTHER
 NUMBER FOLLOWING "SECOND LETTER" INDICATES THE DAY POSTPARTUM THE EVENT OCCURRED.

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PROTOCOL 2XA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
(SPONSOR'S REFERENCE NO. 06-376)

TABLE 25 (PAGE 4): PUP VITAL STATUS AND SEX FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

PUP #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RAT/ LITTER #	MATERNAL DOSAGE GROUP IV										GROUP IV										90 MKD		
23931	M A	M A	M A	M A	M A	M A	M A	M A	M A	M A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A
23932	M A	M A	M A	M A	M A	M A	M A	M A	M A	M A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A
23933	M A	M A	M A	M A	M A	M A	M A	M A	M A	M A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A
23934	M A	M A	M A	M A	M A	M A	M A	M A	M A	M A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A
23935	M A	M A	M A	M A	M A	M A	M A	M A	M A	M A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A
23936	M A	M A	M A	M A	M A	M A	M A	M A	M A	M A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A
23937	M A	M A	M A	M A	M A	M A	M A	M A	M A	M A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A
23938	M A	M A	M A	M A	M A	M A	M A	M A	M A	M A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A
23939	M A	M A	M A	M A	M A	M A	M A	M A	M A	M A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A
23940	M A	M A	M A	M A	M A	M A	M A	M A	M A	M A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A

FIRST LETTER -- M-MALE, F-FEMALE, U-SEX UNDETERMINABLE

SECOND LETTER --- A-ALIVE, S-STILLBORN, U-UNCERTAIN, D-DIED, C-CULLED, M-MISSING (PRESUMED CANNIBALIZED), X-OTHER
NUMBER FOLLOWING "SECOND LETTER" INDICATES THE DAY POSTPARTUM THE EVENT OCCURRED.

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ARGUS RESEARCH LABORATORIES, INC.
 PROTOCOL ZXA00077 : ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS
 (SPONSOR'S REFERENCE NO. 06-376)

TABLE 25 (PAGE 5): PUP VITAL STATUS AND SEX FROM BIRTH TO DAY 21 POSTPARTUM - INDIVIDUAL DATA

PUP #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RAT/ LITTER #	MATERNAL DOSAGE GROUP V										GROUP V										270 MKD		
23942	M A	M A	M A	M A	M A	M A	M A	M A	M D	1 M D	1 M D	1 F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F A	F D 1
23943	M A	M A	M A	M D	2 M D	2 F A	F A	F A	F A	F A	F A	F D	2 F D	2 F D	2 F D	2 F D	2 F D	2 F D	2 F D	2 F D	2 F D	2 F D	2 F D
23944	M D	1 M D	1 M D	1 M D	1 M D	1 M D	1 M D	1 M D	1 M D	1 F D	1 F D	1 F D	1 F D	1 F D	1 F D	1 F D	1 F D	1 F D	1 F D	1 F D	1 F D	1 F D	1 F D
23946	M A	M A	M M	3 F A	F A	F A	F A	F A	F M	2 F M	2 F M	2 F M	2 F M	2 F M	2 F M	2 F M	2 F M	2 F M	2 F M	2 F M	2 F M	2 F M	2 F M
23949	M D	1 M D	1 M S	M S	M S	M S	M S	F S	F S	F S	F S	F S	F S	F S	F S	F S	F S	F S	F S	F S	F S	F S	F S

FIRST LETTER -- M-MALE, F-FEMALE, U-SEX UNDETERMINABLE
 SECOND LETTER -- A-ALIVE, S-STILLBORN, U-UNCERTAIN, D-DIED, C-CULLED, M-MISSING (PRESUMED CANNIBALIZED), X-OTHER
 NUMBER FOLLOWING "SECOND LETTER" INDICATES THE DAY POSTPARTUM THE EVENT OCCURRED.

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PROTOCOL 2XA00077: ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS (SPONSOR'S REFERENCE NUMBER: 06-376)

TABLE 26 (PAGE 1): CLINICAL OBSERVATIONS FROM BIRTH TO DAY 6 POSTPARTUM - INDIVIDUAL DATA - F1 GENERATION PUPS

MATERNAL DOSAGE GROUP MATERNAL DOSAGE (MG/KG/DAY)	LITTER NUMBER	DAY (S) POSTPARTUM	OBSERVATIONS a
I 0 (VEHICLE)	-----	-	-----
II 10	23914	2	1/14 PUPS: COLD TO TOUCH.
III 30	23921	1- 6	1/15 PUPS: TIP OF TAIL: MISSING.b
	23930	1 2- 3	2/14 PUPS: NOSE: PURPLE. 3/14 PUPS: NOSE: PURPLE.
IV 90	23938	1 4	1/16 PUPS: COLD TO TOUCH. 1/15 PUPS: COLD TO TOUCH; PALE; NOT NESTING; NOT NURSING.
V 270	23942	2- 5	1/12 PUPS: RIGHT HINDLIMB AND HINDPAW: PURPLE.
VI 500	23948	2	1/ 7 PUPS: LOWER MIDLINE, BOTH HINDLIMBS AND TAIL: PURPLE.

a. Tabulation restricted to adverse observations; all other pups appeared normal.
b. Observation confirmed at necropsy.

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PROTOCOL ZXA00077: ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS (SPONSOR'S REFERENCE NUMBER: 06-376)
TABLE 27 (PAGE 1): NECROPSY OBSERVATIONS - INDIVIDUAL DATA - F1 GENERATION PUPS

MATERNAL DOSAGE GROUP	LITTER NUMBER	DAY POSTPARTUM	OBSERVATIONS a
0 (VEHICLE)			
	23901	6	17 PUPS: APPEARED NORMAL.
	23902	6	14 PUPS: APPEARED NORMAL.
	23903	6	14 PUPS: APPEARED NORMAL.
	23905	1	1 PUP: STILLBORN. ALL TISSUES APPEARED NORMAL.
		6	15 PUPS: APPEARED NORMAL.
	23906	6	15 PUPS: APPEARED NORMAL.
	23907	1	1 PUP: STILLBORN. ALL TISSUES APPEARED NORMAL.
		2	1 PUP: FOUND DEAD. ALL TISSUES APPEARED NORMAL.
		6	15 PUPS: APPEARED NORMAL.
	23908	6	14 PUPS: APPEARED NORMAL.
	23909	1	1 PUPS: FOUND DEAD. PARTIALLY CANNIBALIZED. SEX COULD NOT BE DETERMINED.
			ALL OTHER TISSUES APPEARED NORMAL.
		9 PUPS:	MORIBUND SACRIFICED. PARTIALLY CANNIBALIZED. NO MILK IN STOMACH.
		2 PUPS:	ALL OTHER TISSUES APPEARED NORMAL.
			MORIBUND SACRIFICED. PARTIALLY CANNIBALIZED.
		4 PUPS:	ALL OTHER TISSUES APPEARED NORMAL.
			MORIBUND SACRIFICED. PARTIALLY CANNIBALIZED. NO MILK IN STOMACH.
			SEX COULD NOT BE DETERMINED.
			ALL OTHER TISSUES APPEARED NORMAL.
	23910	6	13 PUPS: APPEARED NORMAL.

a. Complete necropsies were not performed on pups in which autolysis or cannibalization precluded full evaluation. Refer to the individual pup clinical observations table (Table 26) for external clinical observations confirmed at necropsy.

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PROTOCOL ZXA00077: ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS (SPONSOR'S REFERENCE NUMBER: 06-376)

TABLE 27 (PAGE 2): NECROPSY OBSERVATIONS - INDIVIDUAL DATA - F1 GENERATION PUPS

MATERNAL DOSAGE GROUP	LITTER NUMBER	DAY POSTPARTUM	OBSERVATIONS a
II			
10			
	23911	1 6	2 PUPS: STILLBORN. ALL TISSUES APPEARED NORMAL. 13 PUPS: APPEARED NORMAL.
	23912	1 6	1 PUP: STILLBORN. ALL TISSUES APPEARED NORMAL. 14 PUPS: APPEARED NORMAL.
	23913	6	8 PUPS: APPEARED NORMAL.
	23914	6	14 PUPS: APPEARED NORMAL.
	23916	6	13 PUPS: APPEARED NORMAL.
	23917	1 6	1 PUP: STILLBORN. ALL TISSUES APPEARED NORMAL. 15 PUPS: APPEARED NORMAL.
	23918	6	15 PUPS: APPEARED NORMAL.
	23920	6	13 PUPS: APPEARED NORMAL.

a. Complete necropsies were not performed on pups in which autolysis or cannibalization precluded full evaluation. Refer to the individual pup clinical observations table (Table 26) for external clinical observations confirmed at necropsy.

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PROTOCOL ZXA00077: ORAL (GAVAGE) DEVELOPMENTAL TOXICITY SCREENING STUDY OF MTDID 6675 IN RATS (SPONSOR'S REFERENCE NUMBER: 06-376)

TABLE 27 (PAGE 3): NECROPSY OBSERVATIONS - INDIVIDUAL DATA - F1 GENERATION PUPS

MATERNAL DOSAGE GROUP	LITTER NUMBER	DAY POSTPARTUM	OBSERVATIONS a
III			
30			
	23921	6	15 PUPS: APPEARED NORMAL.
	23922	6	14 PUPS: APPEARED NORMAL.
	23923	6	13 PUPS: APPEARED NORMAL.
	23924	6	15 PUPS: APPEARED NORMAL.
	23925	6	4 PUPS: APPEARED NORMAL.
	23926	2	1 PUP: FOUND DEAD. NO MILK IN STOMACH. ALL OTHER TISSUES APPEARED NORMAL.
		6	14 PUPS: APPEARED NORMAL.
	23927	6	16 PUPS: APPEARED NORMAL.
	23928	2	1 PUP: FOUND DEAD. PARTIALLY CANNIBALIZED.
			ALL OTHER TISSUES APPEARED NORMAL.
		6	1 PUP: FOUND DEAD. ALL TISSUES APPEARED NORMAL.
			16 PUPS: APPEARED NORMAL.
	23929	1	1 PUP: STILLBORN. ALL TISSUES APPEARED NORMAL.
		6	16 PUPS: APPEARED NORMAL.
	23930	1	1 PUP: STILLBORN. ALL TISSUES APPEARED NORMAL.
		6	14 PUPS: APPEARED NORMAL.

a. Complete necropsies were not performed on pups in which autolysis or cannibalization precluded full evaluation. Refer to the individual pup clinical observations table (Table 26) for external clinical observations confirmed at necropsy.

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TABLE 27 (PAGE 4): NECROPSY OBSERVATIONS - INDIVIDUAL DATA - F1 GENERATION PUPS

MATERNAL DOSAGE GROUP	LITTER NUMBER	DAY POSTPARTUM	OBSERVATIONS a
IV			
90	23931	6	15 PUPS: APPEARED NORMAL.
	23932	6	14 PUPS: APPEARED NORMAL.
	23933	6	17 PUPS: APPEARED NORMAL.
	23934	6	13 PUPS: APPEARED NORMAL.
	23935	6	11 PUPS: APPEARED NORMAL.
	23936	6	18 PUPS: APPEARED NORMAL.
	23937	6	15 PUPS: APPEARED NORMAL.
	23938	1	1 PUP: STILLBORN. ALL TISSUES APPEARED NORMAL.
		2	1 PUP: FOUND DEAD. NO MILK IN STOMACH. ALL OTHER TISSUES APPEARED NORMAL.
		6	15 PUPS: APPEARED NORMAL.
	23939	6	14 PUPS: APPEARED NORMAL.
	23940	6	11 PUPS: APPEARED NORMAL.
V			
270	23942	2	4 PUPS: FOUND DEAD. ALL TISSUES APPEARED NORMAL.
		6	12 PUPS: APPEARED NORMAL.
	23943	2	5 PUPS: FOUND DEAD. ALL TISSUES APPEARED NORMAL.
		6	8 PUPS: APPEARED NORMAL.
	23944	1	9 PUP: FOUND DEAD. NO MILK IN STOMACH. ALL OTHER TISSUES APPEARED NORMAL.
		6	6 PUP: FOUND DEAD. ALL TISSUES APPEARED NORMAL.
	23948	6	6 PUPS: APPEARED NORMAL.
	23949	1	12 PUPS: STILLBORN. ALL TISSUES APPEARED NORMAL.
		6	2 PUPS: FOUND DEAD. ALL TISSUES APPEARED NORMAL.b
VI			
500			

a. Complete necropsies were not performed on pups in which autolysis or cannibalization precluded full evaluation. Refer to the individual pup clinical observations table (Table 26) for external clinical observations confirmed at necropsy.

b. Stomach contents were not recorded.