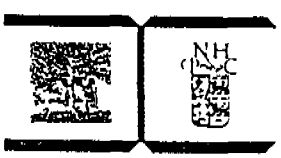
R&S 024706

CHEMICAL PORPHYRIA IN MAN

The diagnosis and occurrence of chronic hepatic porphyria in man caused by halogenated aromatics (polybrominated biphenyls, polychlorinated biphenyls and 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin)

Porphyrinogenic action of halogenated aromatics in experimental animals

Edited by
J.J.T.W.A. STRIK
and
J.H. KOEMAN
Department of Toxicology
Agricultural University of Wageningen



1979

ELSEVIER/NORTH-HOLLAND BIOMEDICAL PRESS
AMSTERDAM · NEW YORK · OXFORD

R&S 024707

©1979 Elsevier/North-Holland Biomedical Press

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior permission of the copyright owner.

ISBN: 0-444-80159-6

Published by:
Elsevier/North-Holland Biomedical Press
335 Jan van Galenstraat, P.O. Box 211
Amsterdam, The Netherlands

Sole distributors for the USA and Canada:
Elsevier North Holland Inc.
52 Vanderbilt Avenue
New York, N.Y. 10017

Library of Congress Cataloging in Publication Data

Main entry under title:

Chemical porphyria in man.

Bibliography: p.
1. Porphyria. 2. Halocarbons--Toxicology.
3. Aromatic compounds—Toxicology. 4. Liver—Diseases.
I. Strik, J. J. T. W. A. II. Koeman, J. H.
RC632.P6C47 616.3'99 79-19486
ISBN 0-444-80159-6

Printed in The Netherlands

FILE → TIER I

Photo Cover Only

K-2251-(100)	Acetamide (60-35-5)
X	*N*-Acetoxy-*N*-2-fluorenylacetamide (6098-44-8) [N-AcO-2-FAA]
DR-0133-3591	1'-Acetoxysafrole (34627-78-6)
X	Acridine orange (65-61-2) [AO]
DR-0164-3846	Aflatoxin B_1 (1162-65-8) [AFB_1]
DR-0242-4982	Aflatoxin B_2 (7220-81-7) [AFB_2]
K-10310	4-Aminoazobenzene (60-09-3)
X	2-Aminobiphenyl (90-41-5)
K-2978	4-Aminobiphenyl (92-67-1)
K-14358	3-Amino 1,2,4-triazole (61-82-5)
K-2972	Aniline (62-53-3)
K-1589	Anthracene (120-12-7)
X	1-Anthramine (610-49-1)
X	2-Anthramine (613-13-8)
DR-0149-7252	Auramine (492-80-8)
K-36941	Benz[*a*]anthracene (56-55-3) [BA]
K-37336	Benz[*a*]pyrene (50-32-8) [BP]
X	Benz[*a*]pyrene 4,5-oxide (37574-47-3) [BP 4,5-oxide]
X	Benz[*e*]pyrene (192-97-2)
K-10135	Benzyl chloride (100-44-7)
K-6238	Beryllium sulfate (7787-56-6)
DR-0117-6289	Bis-dichloromethyl ether (542-88-1)
X	Bis-(*p*-dimethylamino)diphenylmethane (101-61-1)
K-1711	Bromobenzene (108-86-1)
X	5-Bromo-2'-deoxyuridine (59-14-3) [BrdUrd]
DR-0148-2413	7-(Bromomethyl)-12-methylbenz[*a*]anthracene (16238-56-5)
K-17433	1,4-Butanesultone (1633-83-6)
DR-0031-6574	ε-Caprolactone (502-44-3)
DR-800	*o*-Chloroaniline (95-51-2)
K-4896	*p*-Chloroaniline (106-47-8)
K-37854	Chrysene (218-01-9)
DR-0148-6686	4-Diethylaminoazobenzene (2481-94-9)
K-102013	1,2:3,4-Diepoxybutane (1464-53-5) [DEB]
K-16825	4-(*N,N*-Dimethylamino)azobenzene (60-11-7) [DAB]
X	2',3-Dimethyl-4-aminobiphenyl (13394-86-0)
X	7,9-Dimethylbenz[*c*]acridine (963-89-3)
K-58358	7,12-Dimethylbenz[*a*]anthracene (57-97-6) [DMBA]
DR-0119-9953	Dimethylcarbamyl chloride (79-44-7)
K-31814	1,2-Dimethylhydrazine (540-73-8)
X	Diphenylnitrosamine (86-30-6)
K-64969	1,2-Epoxybutane (106-88-7)
K-11731	Ethionine (13073-35-3)
K-36193	Ethyl-*p*-toluenesulfonate (80-40-0)
X	5-Fluoro-2'-deoxyuridine (50-91-9) [FdUrd]
K-40502	2-Fluorenamine (153-78-6) [AF]
X	*N*-2-Fluorenylacetamide (53-96-3) [2-FAA]
X	*N*-4-Fluorenylacetamide (28322-02-3)
K-36319	Glycidaldehyde (765-34-4)
K-27955	Glycidol (556-52-5)
K-31491	Hydrazine sulfate (10034-93-2)
X	3-Hydroxybenz[*a*]pyrene (13345-21-6)

R&S 024708

X	*N*-Hydroxy-*N*-(2-fluorenyl)acetamide (53-95-2) [N-OH-2-
X	1-Hydroxy-*N*-2-fluorenylacetamide[b] [1-OH-2-FAA]
X	3-Hydroxy-*N*-2-fluorenylacetamide[b]
X	6-Hydroxy-*N*-2-fluorenylacetamide[b]
X	7-Hydroxy-*N*-2-fluorenylacetamide[b]
K-4640	Hydroxylamine hydrochloride (5470-11-1) [HA hydroch.
DR-0157-1342	4-(Hydroxyamino)quinoline *N*-oxide (4637-56-3) [4HAC
X	7-(Hydroxymethyl)-12-methylbenz[*a*]anthracene (568-75
K-53374	1'-Hydroxysafrole (5208-87-7)
X	5-Iodo-2'-deoxyuridine (54-42-2) [IdUrd]
K-6523	Lead acetate (301-04-2)
X	Methotrexate (59-05-2)
X	3-Methoxy-4-aminoazobenzene (3544-23-8)
K-79725	Methylazoxymethanol acetate (592-62-1) [MAM acetate]
K-21585	Methyl carbamate (598-55-0)
X	2-Methyl-4-(dimethylamino)azobenzene (54-88-6)
K-40833	3'-Methyl-4-(dimethylamino)azobenzene (55-80-1) [3'-Me-D.
K-1350	Methyl iodide (74-88-4)
K-47922	*N*-Methyl-*N*'-nitro-*N*-nitrosoguanidine (70-25-7) [MNNG]
K-2083	1-Naphthylamine (134-32-7)
K-2084	2-Naphthylamine (91-59-8)
X	*N*-1-Naphthylhydroxylamine (607-30-7)
DR-0148-6675	*N*-2-Naphthylhydroxylamine (613-47-8)
K-65260	α-Naphthylisothiocyanate (551-06-4)
X	Natulan (366-70-1)
K-51967	4-Nitrobiphenyl (92-93-3)
X	2-Nitrofluorene (607-57-8)
X	*N*-[4-(5-Nitro-2-furyl)-2-thiazolyl]formamide (24554-26-5) [NFTF]
X	2-Nitronaphthalene (581-89-5)
DR-0116-3617	4-Nitroquinoline *N*-oxide (56-57-5) [4NQO]
K-19528	*N*-Nitrosodiethylamine (55-18-5) [DENA]
DR-0145-7450	*N*-Nitrosoethylurea (759-73-9) [NEU]
K-32036	Phenanthrene (85-01-8)
K-51897	1-Phenyl-3,3-dimethyltriazene (7227-91-0) [PDMT]
X	Phorbol (17673-25-5)
K-52835	1,3-Propanesultone (1120-71-4)
K-9883	β-Propiolactone (57-57-8) [BPL]
K-5139	Propylenimine (75-55-8)
X	*p*-Rosaniline (569-61-9)
K-3455	Safrole (94-59-7)
K-17297	Succinic anhydride (108-30-5)
X	12-*O*-Tetradecanoylphorbol-13-acetate (16561-29-8)
K-10586	Thioacetamide (62-55-5)
K-3143	Thiourea (62-56-6)
X	Titanocene dichloride (1271-19-8)
K-4826	*o*-Toluidine (95-53-4)
K-18525	*p*-Toluidine (106-49-0)
K-25143	4-(o-Tolyazo)-o-toluidine (97-56-3)
X	1,8,9-Trihydroxyanthracene (480-22-8)
X	Uracil mustard (66-75-1)
K-34540	Urethan (51-79-6)

R&S 024709