

*File under**"Other API Research Projects"*

June 18, 1951

Dr. Clarence Karr, Jr.,
Mellon Institute of Industrial Research,
University of Pittsburgh,
Pittsburgh 13, Pa.

Dear Doctor Karr:

I wish to apologize for my delay in answering your letter of May 8th occasioned by a rather extended absence from the Laboratory.

I have on hand only a very small quantity of purified 2-phenylthianaphthene and tetraphenylthiophene. I do have a larger quantity of the crude materials but they would require careful purification. At the present time we are unfortunately not in a position to take the time to do this purification.

I had suggested to Dr. H. M. Smith that if desirable we should be willing to set up a small scale project to synthesize larger quantities of various heterocyclic sulfur compounds with two or more rings. However, I do not believe that the API Advisory Committee has had sufficient interest in this type of compound as yet.

My best regards to Dr. Grise. Please tell him that I am hoping to be able to spend some more time in Pittsburgh before the summer is out and hope that I shall be able to see him again then.

Sincerely yours,

A. W. Horton

AWH:fe

cc: Dr. H. M. Smith

MELLON INSTITUTE OF INDUSTRIAL RESEARCH
UNIVERSITY OF PITTSBURGH

PITTSBURGH 13, PA.

May 8, 1951

Dr. A. Wesley Horton
Associate Professor
University of Cincinnati
College of Medicine
Cincinnati 19, Ohio

Dear Dr. Horton:

We are developing a system of qualitative analysis for petroleum sulfur compounds, and are in need of various rare sulfur types. Mr. H. M. Smith, Director of API Research Project 48A, has recently informed me that you may be able to supply us with some of these uncommon compounds.

The compounds which Mr. Smith believes you might possibly have on hand, and which we would be interested in, are phenyl thiophenes such as 2,4- or 2,5-diphenyl thiophene and tetraphenyl thiophene. However, we are not at all limited to phenyl thiophenes in our search, and would welcome information on the availability of other rare heterocyclic sulfur compounds.

If you could supply us with a few grams of any of these compounds, we would appreciate it very much.

Dr. Gruse asks me to give you his kind regards.

Sincerely yours,

CKarr, Jctm

Clarence Karr, Jr.
Fellow