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The Toxicities of Some Organo-Lead Compounds for Cancer and Related Studies

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panying some of these transformations are ring fission and ring closure, and rearrangements involving unsaturated linkages. Typical illustrations of these changes were presented.

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THE TOXICITIES OF SOME ORGANO-LEAD COMPOUNDS FOR CANCER AND RELATED STUDIES

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In connection with the application of organo-lead compounds in cancer, some plant diseases and as anti-knock reagents, a pharmacological study has been made of the relative toxicities of a miscellany of products derived from alkyl and aryl lead compounds. Some of the salts reported at this time have varying appreciable solubilities in water.

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THE PREPARATION OF m-HYDROXYBENZONITRILE

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It has been a general project in this laboratory to prepare the three monohydroxy diphenyl ketimines upon which certain studies have been planned. Last year the preparation of the 2-hydroxy and 4-hydroxy diphenyl ketimines were reported in these Proceedings. The present work has been directed toward the 3-hydroxy diphenyl ketimine. The former pair of ketimines were obtained by the action of the Grignard reagent, magnesium phenyl bromide, upon the corresponding hydroxybenzonitriles. To employ this same synthesis for the 3- or m-hydroxy diphenyl ketimine it has been necessary to prepare the appropriate hydroxybenzonitrile. Much greater difficulty has arisen in the preparation of this last nitrile than with the other two.

Ahrens [1] reported the preparation of this nitrile through the application of the Sandmeyer reaction to m-aminophenol, replacing the amine group by the nitrile. We have employed his directions

1 Ahrens, Ber. *20*, 2953-54 (1887).