

ACKNOWLEDGEMENTS

The investigations presented in this thesis were carried out by the candidate at the Department of Chemistry, University of North Bengal, Raja-Ramohunpur, Dist. Darjeeling.

The author expresses his deep sense of gratitude and thankfulness to Sri Bimal K. Das, Lecturer in Chemistry, North Bengal University, for his valuable suggestions, guidance and continued interest during the progress of the work.

The candidate heartily thanks Prof. S. S. Chakravarti, Prof. S. S. Ghosh and late Prof. S. S. Dasgupta, Department of Chemistry, North Bengal University for their interest and encouragement.

The candidate sincerely thanks to Prof. James A. Schoolery, Application Laboratory, Instrument Division, Varian, Palo Alto, California and Dr. S. Thyagarajan, Director, R.S.L., Jorhat, for ^1H NMR and Mass Spectra of the compounds, and also for valuable suggestions.

The author is indebted to Prof. A. Ito, Kyushu University, Japan for helping the author to get an analytically pure sample of Salithion, for a number of reprints, and also for valuable suggestions.

The author also thankfully acknowledges the generous gift of pure sample of Salithion by Dr. H. Yashizuka of Sumitomo Chemical Co., Japan.

The author is also indebted to Prof. S. Ito, Yokohama University, and to Prof. S. D. Faust, Rutgers University for sending several reprints.

The candidate thanks to all his fellow research workers for their friendly cooperation.

The candidate is grateful to the authorities of North Bengal University and Siliguri College for extending laboratory and other facilities during the progress of the work.

Department of Chemistry,
University of North Bengal,
Dist. Darjeeling.
INDIA.

Pranab Chaudhuri
Pranab Chaudhuri