

A C K N O W L E D G E M E N T

The author would like to express his deep gratitude to his esteemed teacher, Dr. T.K.Dasgupta, Reader, Department of Chemistry, N.B.U, Darjeeling. Throughout his research period the author received from him constant guidance and valuable suggestions. He has been untiring in making necessary corrections during the entire period of his work. Without his loving care this work could not be presented in the present form.

The author owes much to Prof. S.C.Roy, Head of the Department of Chemistry, N.B.U., for his co-operation and endless encouragement throughout the period of research.

The author is indebted to Prof. A.Eschenmoser, ETH, Zurich for his valuable suggestions.

The author also acknowledges Dr. D.Felix, ETH, Zurich and Dr. D.K.Hazra, Reader in Chemistry, University of North Bengal for kindly providing with some costly chemicals as gift for the work.

Grateful acknowledgement is made to his teachers, colleagues and friends for their unstinted help and cooperation.

The author will be failing in his duty if he does not mention the help extended to him by Dr. A.K.Dutta, Parasitologist, Hoechst Chemicals & Pharmaceuticals Ltd., Bombay; Dr. A.R.Ghosh, Sikkim Govt. College, Dr. S.K.Saha and Dr. P.K.Paria, Department of Chemistry, N.B.U.

The author is equally thankful to Mr. A.Sen, Mr. M.Halder, Mr. M. Kar, Mr. C.B.Sunwar, Mr. S.Das, Mr. R.Podar, Mr. K. Mukherjee, Mr. L.Bagchi and Dr. P.Roy for their generous help during preparing the thesis.

The author wishes to thank the authorities of the University and U.G.C. for awarding fellowship and financial assistance.

Thanks are also due to the CDRI (RSIC), Lucknow for taking the NMR and other spectra.

Thanks to Mr. M.Chakraborty for typing the manuscript of the thesis.

I cannot adequately mention my debt to my elder sister Mrs. S.K.Roy (Nanda) and her husband Mr. K.N.Roy for the immense help they have rendered to our family during my research work.

Finally, I would like to express my thanks to my parents and my younger brother. Their affections ever encouraged me for the work.

Department of Chemistry
University of North Bengal
Darjeeling, West Bengal
India
1984

Ashis Kumar Nanda
(ASHIS KUMAR NANDA)