

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

I express my profound sense of gratitude to Dr. G.S.S. Murthi, Reader in Chemistry, North Bengal University for suggesting the problem, providing laboratory facilities and displaying unfailing interest throughout the course of this investigation.

I wish to take this opportunity to extend my heartiest thanks to the University Grants Commission, New Delhi, and to the University of North Bengal for the award of a Teacher fellowship under the Faculty Improvement Programme and to the University College, Raiganj for sanctioning study leave during the tenure of the fellowship.

I wish to record my deep sense of gratitude to Dr. Mitsuo Miyasawa of Kinki University, Japan, and to Mr. G.C. Subba, Chemist, Directorate of Cinchona and other medicinal plants, Mongpoo, at present on leave at Uppsala University, Uppsala, Sweden, for the various p.m.r. spectra recorded here. Thanks are also due to Mr. B. Majee, Reader in Chemistry for his kind help in interpreting some spectral data.

I would like to record my deep sense of appreciation to my colleagues Mr. A. Mazumder, M.Sc., and Mrs. M. Murthi, M.Sc. for their valued co-operation.

It is a pleasure to recall the active co-operation
and constant encouragement rendered from all of my friends and
well wishers.

Rabindranath Mukhopadhyay 9/7/82
(RABINDRANATH MUKHOPADHYAY)

Department of Chemistry,
University College,
Raiganj,
West Dinajpur, W.B.
INDIA

the 9th July 1982.