

CROATICA
CHEMICA ACTA

Croat. Chem. Acta Vol. 62 No. 2A

89—278 C12 (1989)

Zagreb, June 30, 1989

CONTENTS

The contents of CCA may be reproduced, citing the original form, in any medium without prior permission

| | |
|--|-----------------|
| The Molecular Structure of <i>cis</i> -4-Aza-A-homo-tetrahydro- α -santonin and <i>trans</i> -4-Aza-A-homo-tetrahydro- α -santonin Related to the Lactam Rule . . . Hiroaki Takayanagi, Ikuyo Hara, Motoaki Goto, and Haruo Ogura | 89—96 |
| A Circular Dichroism Study of Molecular Association of Cinchona Alkaloids and Carboxylic Acids . . . J. Gawroński, M. Brzostowska, and J. Koput | 97—107 |
| Circular Dichroism of Some Alkaloid Enaminoketones and γ -Pyridones . . . W. Wysocka, D. Radocki, and J. Gawroński | 109—114 |
| On the Optical Activity of Steroidal 5,7-Dienes . . . R. B. Koolstra, H. J. C. Jacobs, and H. P. J. M. Dekkers | 115—128 |
| Optical Activity of Lactones and Lactams. V. Long-Wavelength Circular Dichroism of β -Thiolactams (2-Azetidinethiones) . . . Tadeusz Poloński and Maria J. Milewska | 129—134 |
| The Molecular Structure of Six-Membered Lactams Related to the Lactam Rule . . . Hiroaki Takayanagi and Haruo Ogura | 135—140 |
| The Crystal Structure, Absolute Configuration and Circular Dichroism of (–) ₆₃₀ ^{CD} — and (+) ₆₃₀ ^{CD} - <i>cis</i> -Bis[2-(2-benzoxazolyl)phenol-N]dichloroplatinum(II) · Ethanol . . . Akiko Furuhashi, Kunihiko Endo, Yoshifusa Kondo, Akira Ouchi, and Yoshihiko Saito | 141—150 |
| Optically Active Coordination Compounds. Part 50. 4-Fold Symmetry Axes in Optically Active Complex Ions from Natural Nicotine . . . R. D. Gillard and J. D. Pedrosa de Jesus | 151—163 |
| Electroweak Bioenantioselection . . . A. J. MacDermott and G. E. Tranter | 165—187 |
| Convex Constraint Decomposition of Circular Dichroism Curves of Proteins . . . András Perczel, Miklós Hollósi, Gábor Tuszányi, and Gerald D. Fasman | 189—200 |
| Correlation of the Circular Dichroism of Unsubstituted and Ring-Substituted Chiral Phenylcarbinamines with Their Absolute Configurations . . . Howard E. Smith | 201—209 |
| Application of the Bichromophoric Exciton Chirality Method to the Stereochemical Elucidation of Acyclic Polyols . . . William T. Wiesler and Koji Nakanishi | 211—226 |
| <i>Ab Initio</i> Calculations and Mechanistic Analyses of Optical Activity of Organic Molecules with Extended Chromophores . . . Thomas D. Bouman and Aage E. Hansen | 227—243 |
| Chiroptical Properties and Conformation of 4,5-Saturated Derivatives of 5-Aryl-1,4-benzodiazepin-2-ones . . . M. Kajtár, J. Kajtár, J. Röhricht, and J. G. Ángyán | 245—265 |
| Circular Dichroic Power of Chiral Spiro Aromatics. Theoretical Calculation of the CD and UV Spectra of 2,2'-Spirobi[2 <i>H</i> -benz[e]indene] Derivatives . . . Nobuyuki Harada, Jun Iwabuchi, Yoichi Yokota, and Hisashi Uda | 267—278 |
| Announcement | Appendix C12 |