

CONTENTS OF VOLUME 5

Number 1

Editorial	1
Studies on Polymorphism of Ni Complexes of Acetoacetanilide Dioxime Pigments During Their Preparation	3
J. KRASKA and W. CZAJKOWSKI (Poland)	
Monoazo Dyes for Polyamide Derived from 4-Alkylamido-2-hydroxy- benzoic Acids	15
ERMANNO BARNI, PIERO SAVARINO, GAETANO DI MODICA, ROSARINA CARPIGNANO, SISTO SERGIO PAPA and GIACOMO GIRAUDO (Italy)	
Ringschlüsse an Chinonylmethan-Farbstoffen und Analogen Mero- cyaninen: Teil 7—Synthese und Eigenschaften von 6-Chlor-8-cyclohexyl- 11-X-5,8-dihydronaphtho[1,2-b]phenazin-5-onen	37
D. SCHELZ and N. ROTZLER (Switzerland)	
Relationships Between the Structure of Nitrodiphenylamine Derived Monoazo Acid Dyes and their Spectroscopic and Fastness Properties	49
J. SZADOWSKI and C. PRZYBYLSKI (Poland)	
A Comparison of the Predictive Values of the <i>Salmonella</i> /Microsome Mutation and BHK21 Cell Transformation Assays in Relation to Dyestuffs and Similar Materials	65
E. LONGSTAFF, D. B. MCGREGOR, W. J. HARRIS, J. A. ROBERTSON and A. POOLE (Great Britain)	

Number 2

Azo-Hydrazone Tautomerism in Azo Dyes. IV. Colour and Tautomeric Structure of Adsorbed 1-Phenylazo-2-naphthylamine and 1-Phenylazo- 2-naphthol Dyes	83
J. KELEMEN, S. MOSS and S. GLITSCH (Switzerland)	
Fluorescent Whitening Agents—A Survey (1974–82)	109
IAN H. LEAVER and BRIAN MILLIGAN (Australia)	
Structure of the Dye 2,6-Dichloro-4'-N,N-diethylaminoazobenzene	145
JAN C. J. BART, MARIO CALCATERRA (Italy) and KWANENA A. WOODE (USA)	

Book Review	161
Announcement	163

Number 3

Colour Prediction of Organic Dye Molecules on a Microcomputer—a Readily Available Form of the PPP-MO Method for Teaching and Research	165
GIORGIO F. CASTELLANI and JAN C. J. BART (Italy)	
Synthesis and Properties of <i>N</i> -Alkyl- <i>N'</i> -aryl-3,4:9,10-Perylenebis-(dicarboximide)	171
YUKINORI NAGAO and TAKAHISA MISONO (Japan)	
Neue, hochechte organische Pigmente	189
M. ROLF and R. NEEFF (FRG)	
Light Stability and Flash Photolysis of Azo Dyes in Epoxy Resins	209
NORMAN S. ALLEN, JOHN P. BINKLEY, BARRY J. PARSONS, GLYN O. PHILLIPS and NORMAN H. TENNENT (Great Britain)	
Phthalocyanine Ring Systems from Phthalodinitrile via Radical-Anionic Cyclisation	225
A. CICEK, J. T. GUTHRIE and L. J. SQUIRES (Great Britain)	
Book Review	239

Number 4

Amination of 5,8-Dihydroxy-1,4-naphthoquinone	241
K. TAKAGI, M. MATSUOKA, K. HAMANO and T. KITAO (Japan)	
Spectral Properties of 7 <i>H</i> ,9 <i>H</i> -Quinazolino[3,2- <i>b</i>]- α -benz[<i>d,e</i>]isoquinolin-7-one	253
Z. SALAMON, A. SKIBINSKI and K. CELNIK (Poland)	
Investigations on Kinetics of Decomposition of Chromium Complex Dyes of 1:2 and 1:1 Types	263
Z. GORZKA, J. KRASKA and H. LAWNICZAK (Poland)	
A Novel Synthesis of Anthraquinone [1,2- <i>b</i>]pyrroles and Their Conversion to 1-Amino-2-benzoylanthraquinone Derivatives	277
P. C. SHEKAR and S. SESHADRI (India)	
Influence of Fluorine-containing Substituents on the Energy of Inter-molecular Interactions and the Heat of Evaporation of Disperse Azo Dyes	285
V. V. KARPOV, G. N. RODIONOVA, I. V. KRUTOVSKAYA, L. Z. GANDEL'SMAN, L. A. KHOMENKO and L. M. YAGUPOL'SKII (USSR)	

Electronic Energy Levels and Electron Donor Ability of γ -Pyrilcyanines and Their Heteroanalogues	295
A. D. KACHKOVSKI, M. A. KUDINOVA, B. I. SHAPIRO, N. A. DEREVJANKO, L. G. KURKINA and A. I. TOLMACHEV (USSR)	
Synthesis and Properties of some 7 <i>H</i> ,9 <i>H</i> -Quinazolino-[3,2- <i>b</i>]benz[<i>d,e</i>]- isoquinolin-7-one Derivatives	307
K. CELNIK and Z. JANKOWSKI (Poland)	
Book Review	319

Number 5

Ozonolysis of 1-Phenylazo-2-naphthol	321
MASAKI MATSUI, KATSUYOSHI SHIBATA and YOSHIMI TAKASE (Japan)	
Estimation of the Kubelka-Munk Scattering Coefficient from Single Particle Scattering Parameters	329
K. T. MEHTA, M. C. BHAVSAR, P. M. VORA and H. S. SHAH (India)	
Pigments Anthraquinoniques Contenant le Groupement Phényl-1,3,5-tri- azinique: Nuances et Solidités	341
L. HAVLICKOVA and P. DUSIL (Czechoslovakia)	
Substituent Effects on the Tautomerism and Photochromism Exhibited by a Series of Hydroxyazo cationic Dyes for Polyester Fibres	351
P. JACQUES (France)	
Synthesis of 4-Amino-3-benzoylnaphthalene-1,8-dicarboxylic Acid and its Derivatives	371
V. S. PRABHU and S. SESHADRI (India)	
Imidocarbocyanines—Spectral Sensitizers of Photographic Silver Halide Emulsions	377
E. B. LIFSHITS, D. YA. SHAGALOVA and L. M. YAGUPOLSKII (USSR)	

Number 6

Editorial	399
X-ray Crystal Structure of the Dye 2-Cyano-4-bromo-4'- <i>N,N</i> -Diethyl- aminoazobenzene	401
JAN C. J. BART, MARIO CALCATERRA, WALTER CAVIGIOLO and ALIDA FERLAZZO (Italy)	
Synthesis and Properties of Acid Dye Derivatives of Arylsulphonanilides	415
J. KRASKA and K. BLUS (Poland)	

Nucleophilic Substitution Reactions on 3-Bromo- and 3-Nitro-benzanthrones	431
T. VAIDYANATHAN and S. SESHADRI (India)	
The Role of Azo-Hydrazone Tautomerism in the Photofading of 1-Phenylazo-4-naphthol in Polymer Substrates	437
P. BALL and C. H. NICHOLLS (Australia)	
The Quantitative Analysis of the Light Stability of Insoluble Singlet Oxygen Sensitizers	457
E. OLIVEROS, M.-T. MAURETTE, E. GASSMANN, A. M. BRAUN, V. HADEK and M. METZGER (Switzerland)	