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S. Uršić	Ferrocenylalkyl Carbocations. Rates of Formation and Nucleophilic Additions to Ferrocenylmethyl Carbocation The rate constants were determined for $\text{FcC}^+ \text{H}_2$ (Fc =ferrocenyl) formation — $3.42 \text{ s}^{-1} \text{ M}^{-1}$, and for nucleophilic additions to the same carbocation of water — $50.6 \text{ s}^{-1} \text{ M}^{-1}$, and pyridine — $3.77 \times 10^6 \text{ s}^{-1} \text{ M}^{-1}$ were determined	69—74
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I. Gutman	On the Characterization of Monocyclic Structures. Hosoya's Index	A general topological formula for Hosoya's index is derived	81—83
D. Grasso, G. Buemi, S. Fasone, and C. Gandolfo	Electronic Spectra and Dipole Moments of <i>p</i>-Phenylenediamine-<i>N,N'</i>-dibenzylidene and its Aza-derivatives	Dipole moments and molecular conformations were obtained from solvent shift measurements in electronic spectra and INDO/S-CI calculations	85—90
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Š. Komorsky-Lovrić and Z. Gašparec	The UV and VIS Absorption Spectra of Jatrorubine	The absorption spectra of water, methanolic, ethanolic and propanolic solutions of jatrорubine in the VIS und UV range were recorded. Jatrорubine exists as quarternary amionic cation in the acidic medium and as the resonance dipole molecule in the basic medium	97—103
I. Butula, V. Vela, und B. Zorc	Reaktionen mit 1-Benzotriazolcarbonsäurechlorid. VI. Synthese von 3,1-Benzoxazin-4-onen bzw. Quinazolin-2,4-(1H,3H)-dionen	Antranilsäure reagiert mit 1 mol 1-Benzotriazolcarbonsäurechlorid (I) zu Isatosäureanhydrid (II), mit 2 Mol I zu 2-(1-Benzotriazolyl)-3,1-benzoxazin-4-on (III), das weiter mit Aminen, unter Abspaltung von Benzotriazol, in entsprechend substituierten 2-Amino-3,1-benzoxazin-4-one bzw. Quinazolin-2,4-(1H,3H)-dione übergeht	105—108
V. Grdinić and N. Kujundžić	Hydroxamic Cellulose Fibre as a Chelating Cation Exchanger	This cation exchanger was prepared with high content of hydroxamic groups, and the sorption capacity estimated to be 2.1 mekv/g	109—113

**D. R. Agrawal
and S. G. Tandon**

Spectrophotometric Studies on the Vanadium(V)-Chelates with *N*-Arylhydroxamic Acids. A Superior Method for the Extraction and Spectrophotometric Determination of Vanadium in Steels

The reaction of 18 *N*-arylhydroxamic acids with V(V) was studied under varying experimental conditions. In concentrated HCl an intensely violet chelate of V(V), which is readily extracted into chloroform is formed

115—120

**R. S. Kharsan
and R. K. Mishra**

Gravimetric Determination of Molybdenum(VI) Employing *N*-Hydroxy-*N*-*p*-Chlorophenyl-*N'*-(2-Methyl-4-Chlorophenyl) Benzamidine Hydrochloride

N-hydroxy-*N*-*p*-chlorophenyl-*N'*-(2-methyl-4-chlorophenyl) benzamidine hydrochloride is described as a highly selective chelating agent for molybdenum. The dioxomolybdenum complex $\text{MoO}_2\text{-}(\text{C}_{20}\text{H}_{15}\text{N}_2\text{OCl}_2)_2$ is quantitatively precipitated at pH = 2.8—6.6

121—126

**Z. Mandić,
J. J. Herak,
M. Tomić,
B. Vranešić,
M. Kovačević,
and B. Gašpert**

Application of 4-Chlorobutyryl Group as Amino Protective Group in the Synthesis of 7-(D-2-Amino-2-phenylacetamido)-3-methyl-3-cephem-4-carboxylic Acid (Cephalexin)

The 4-chlorobutyryl group was found suitable for protection of amino groups in the stages of synthesis, which could be removed eventually under very mild conditions

127—139

**S. Lapanje,
A. Južna,
V. Vlachy,
and G. Vesnaver**

The Activity Coefficients of Amino Acids and Peptides in Aqueous Solutions Containing Guanidinium Chloride

The activity coefficient ratios in salt solution and water determined by vapor pressure osmometry for glycine are close to unity, but for leucine they are much smaller

141—147

**N. Koprivanac,
J. Jovanović-Kolar,
and D. Renko**

Synthesis and Molecular Structure of Cu(II) and Mn(II) 2-Hydroxynaphthalene-1-azo-2'-pyridine *N*-oxide Complexes

IR, UV/VIS and NMR data indicate the ligand to be a tridentate complex

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CROATICA CHEMICA ACTA

Croat. Chem. Acta Vol. 54 No. 1

1—156 A1—A4 B1—B30
C1—C2 (1981)

Zagreb, 15. ožujka 1981.

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DOCUMENTA CHEMICA YUGOSLAVICA

CROATICA
CHEMICA ACTA

Croat. Chem. Acta Vol. 54 No. 1

1—156 A1—A4 B1—B30
C1—C2 (1981)

Zagreb, March 15, 1981

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