Contents

Vol. 75, No. 3, 2005

Simultaneous English language translation of the journal is available from Pleiades Publishing, Inc. Distributed worldwide by Springer. *Russian Journal of General Chemistry* ISSN 1070-3632.

Preparation of Platinum(II) Cyclooctadiene Complexes by Photoirradiation
D. A. de Vekki, V. M. Uvarov, and N. K. Skvortsov 321

Thermochemical Study of Gaseous Salts of Oxygen-Containing Acids: XVI. Iron(II) Salts
S. V. Shugurov, S. I. Lopatin, G. A. Semenov, and V. L. Stolyarova 325

Oxidation of Zinc with Dicarbonylcyclopentadienyliron Chloride in Polar Solvents
A. A. Usanov, S. V. Maslennikov, and I. V. Spirina 332

Reaction of Sulfur Chlorides with Metal β-Diketonates
I. V. Svistunova, N. P. Shapkin, and O. V. Nikolaeva 335

Magnesium and Calcium Complexation with 2-Hydroxypropylene-1,3-Diamine-*N*,*N*,*N*',*N*'-Tetraacetic Acid
S. N. Gridchin, L. A. Kochergina, V. P. Vasil'ev,† and D. F. Pyreu 342

Reaction of *N*,*N*-Dimethyl-*N*'-(2-hydroxybenzyl)ethylenediamine with Copper(II) in the Presence of Surfactants
Yu. I. Sal'nikov, G. A. Boos, I. S. Ryzhkina, and E. R. Ganieva 345

Complexation of Cu(II) with Glycine in Aqueous Solution of an Anionic Surfactant
T. V. Vladimirova, E. E. Morgunova, and L. M. Ramenskaya 349

Numerical Simulation of Chemical Equilibria and Photostationary States Using Spectrophotometric and Spectrofluorometric Data
M. V. Rusalov 351

An Experimental and Theoretical Study of Intramolecular Cyclization of Phosphorylated Thioureas
V. V. Zverev, G. A. Chmutova, M. A. Pudovik, N. A. Khailova, R. Kh. Bagautdinova, N. M. Azancheev, I. A. Litvinov, O. N. Kataeva, and A. N. Pudovik 359

Synthesis and Molecular Structure of Substituted 4-[*N*-Phenyl-*N*-(2-chloroethyl)amino]-1,4-dihydro-1,2,4λ^5-diazaphosphorines
Yu. G. Trishin, T. V. Gonchar, V. I. Namestnikov, A. I. Stash, V. E. Zavodnik, and V. K. Bel'skii 370

Alkylation of C-Phosphorylated Acetimidates Containing an Activated Methylene Group
V. E. Shishkin, E. V. Mednikov, and O. V. Anishchenko 375

Synthesis and Properties of Phosphorylated 4-Methylpyrocatechol Derivatives
R. K. Ismagilov, V. V. Moskva, and L. M. Shamsutdinova 379

Synthesis and Properties of Onium Salts of Isocyanuric Acid. Crystal Structure of Tetraphenylphosphonium Isocyanurate
A. M. Flakina, A. N. Chekhlov, P. P. Kushch, and R. N. Lyubovskaya 381

Electrochemical Oxidation of Disulfides Derived from Isocyanuric Acid
C. Grogger, S. G. Fattakhov, V. V. Jouikov, M. M. Shulaeva, and V. S. Reznik 386

Synthesis of Partially Fluorinated Organic Compounds from Perfluoro-2-methyl-2-pentene and Phenol Derivatives
G. G. Furin, E. L. Zhuzhgov, K.-V. Chi, and N.-A. Kim 394

Molecular Complexes of Iodine with Aromatic Compounds
B. S. Pryalkin 402

Complexation of Amino Acids with 18-Crown-6
I. V. Terekhova, O. V. Kulikov, R. S. Kumeev, M. Yu. Nikiforov, and G. A. Al'per 409

Vilsmeier Formylation of Hydrazones and Semicarbazones Derived from Alkyl, Benzyl, and Cycloalkyl Methyl Ketones
A. V. Lebedev, A. B. Lebedeva, V. D. Sheludyakov, E. A. Kovaleva, O. L. Ustinova, and I. B. Kozhevnikov 412

Complexes of 3-Thioformyl-1,2-dimethylindole with Metal Salts
L. V. Timokhina, M. P. Yashchenko, D. -S. D. Toryashinova, G. M. Panova, I. M. Korotaeva, and M. G. Voronkov 417

Synthesis of Secondary Alcohols and Their Esters from 4-Alkoxy-4-acetyl-1-(2-ethoxyethyl)piperidines
K. D. Praliev, I. A. Poplavskaya, B. Zh. Nauyryzova, M. A. Baimurzina, and K. D. Botbaeva 420

Transformations of Acylation Products of Functionally 4-Substituted 2-Alkyl(aryl)-5-hydrazino-1,3-oxazoles into 1,3,4-Oxadiazole Derivatives
A. V. Golovchenko, S. G. Pil'o, V. S. Brovarets, A. N. Chernega, and B. S. Drach 425

Synthesis of 5-Alkyl(aryl)-2-alkylsulfanyl(alkoxy)-4-hydroxy-6*H*-1,3-oxazin-6-ones
B. Yu. Lalaev, I. P. Yakovlev, and V. E. Zakhs 432

Synthesis of 1,3,4-Oxadiazinium Bromides from 1,1-Dimethylhydrazine Derivatives and 1,3-Dibromopropyne
A. S. Nakhmanovich, V. N. Elokhina, L. I. Larina, E. V. Abramova, and V. A. Lopyrev 437

Isovaleric Aldehyde in the Synthesis of 4-Isobutyl-Substituted Pyridine-2(1*H*)-thiones, 4*H*-Pyrans, and 1,3-Cyclohexadiene
V. D. Dyachenko 440

Synthesis of Ammonium 5-Arylcarbamoyl-4-heteryl-6-methyl-3-cyano-1,4-dihydropyridine-2-thiolates and 4-Heteryl-5-carbamoyl-6-methyl-3-cyano-1,4-dihydropyridine-2-selenolates
V. D. Dyachenko 447

Synthesis of 1,2,5-Oxa-, -Thia-, and -Selenadiazole *N*-Oxides from Nitroso- and Isonitrosopyrimidines
A. A. Yavolovskii, V. D. Kishichenko, O. A. Oliinichenko, and E. I. Ivanov 457

Influence of the Structure of the Organic Moiety of Copper(II) Porphyrins on Their Reactivity toward Acids
O. V. Kosareva, M. E. Klyueva, T. N. Lomova, and E. E. Suslova 461

Unsymmetrical Pentoxy-Substituted Porphyrazines
I. Yu. Nikolaev, E. V. Kudrik, V. P. Kulinich, and G. P. Shaposhnikov 468

A Quantum-Chemical Study of the Steric and Electronic Structure of the Molecules of Endogenic Peptides NP-4 and NP-5
B. F. Shchegolev, I. V. Rogachevskii, M. L. MacKee, V. N. Kokryakov, V. B. Plakhova, and B. V. Krylov 473

Letters to the Editor

Oxidation State of Cobalt in the Coordination Compounds with *N*-(Thio)phosphorylated Acylamidophosphinates in Solutions
M. P. Kutyreva, M. S. Starikova, N. A. Ulakhovich, F. D. Sokolov, D. A. Safin, N. G. Zabirov, E. E. Gubina, and V. M. Amirkhanov 480

Reaction of Diethyl 2-phenylethylphosphonite with Methyl Phenylpropiolate
Yu. G. Trishin, V. I. Namestnikov, and V. I. Maslov 482

Phosphorylation of *N*-Acetyl-*N,N'*-ethyleneurea with Phosphorus Pentachloride
L. I. Larina, M. Yu. Dmitrichenko, V. G. Rozinov, and A. V. Benedyuk 484

Synthesis of Chlorosulfenylphosphorylthio-Substituted Chromium(III) Acetylacetonate and Its Addition to Olefins
O. A. Apanasenko, N. P. Shapkin, A. S. Skobun, and I. V. Svistunova 486

Reactions of Phenylpropynal *N*-*tert*-Butylimine with 4-Amino-3-mercapto-1,2,4-triazole Derivatives
M. V. Karpov, A. V. Khramchikhin, and M. D. Stadnichuk 487

Synthesis and Properties of *N,N'*-Sulfinylbis[alkyl 2-hydroxy-2-methylpropanimidates]
V. E. Shishkin, Yu. M. Yukhno, A. S. Ufimtsev, and E. V. Shumeiko 489