

# Contents

---

**Vol. 87, No. 7, 2017**

A simultaneous English language translation of this journal is available from Pleiades Publishing, Ltd.  
Distributed worldwide by Springer. *Russian Journal of General Chemistry* ISSN 1070-3632

---

Decomposition of Pentaammineaquacobalt(III) Perchlorate under Laser Radiation Action <i>G. O. Abdrashitov, A. O. Aver'yanov, M. D. Bal'makov, M. A. Ilyushin, A. S. Tverjanovich, and Yu. S. Tver'yanovich</i>	1451
Geometry and Electronic Structure of $(\text{SiO}_2)_3$ Clusters <i>A. V. Petrov, I. V. Murin, and A. K. Ivanov-Schitz</i>	1456
Hexahydropyrimidin-2-one in Nanotubes: Structural Changes and Conformational Preferences <i>V. V. Kuznetsov</i>	1461
Thermal Reduction of Graphite Oxide Derivatives for Preparation of Supports for Platinum Hydrogenation Catalysts <i>S. D. Kushch, N. S. Kuyunko, A. A. Arbuzov, L. A. Korshunova, and G. V. Bondarenko</i>	1466
Emitters of Chemiluminescence Occurring During Autoxidation of Substituted Hydroquinones in Water <i>E. A. Kalinichenko, A. V. Kalinichenko, I. D. Odaryuk, L. V. Kanibolotskaya, and A. N. Shendrik</i>	1476
Hydrolysis of Radicals and Molecules of Ethers <i>V. S. Kosobutskii</i>	1481
Kinetics of the Reaction of <i>N,N</i> -Dimethylaniline with 1-Bromoalk-2-ynes <i>V. P. Andreev, A. V. Ryzhakov, and P. S. Sobolev</i>	1486
Reaction of Methyl 2,4-Dioxobutanoates with Tetracyanoethylene <i>V. P. Sheverdov, M. A. Mar'yasov, V. V. Davydova, O. E. Nasakin, P. V. Dorovatovskii, and V. N. Khrustalev</i>	1490
Reaction of 1,3,4,6-Tetraoxo Compounds with Arylamines and Cycloalkylketones <i>P. P. Mukovoz, A. V. Gorbunova, P. A. Slepukhin, O. S. El'tsov, and I. N. Ganebnykh</i>	1495
Features of Reactions of ( <i>E</i> )-[(2-Aroyl)ethenyl]triphenylphosphonium Bromides with Binucleophiles <i>R. Dzh. Khachikyan, Z. G. Ovakimyan, G. A. Panosyan, R. A. Tamazyan, and A. G. Ayvazyan</i>	1503
Synthesis and Transformations of 6-Acetyl-1,2,3,4-tetrahydro-2,2,4,7-tetramethylquinoline <i>A. Yu. Potapov, Kh. S. Shikhaliev, M. A. Potapov, L. V. Sapronova, F. I. Zubkov, and E. A. Kosheleva</i>	1510
Derivatives of Furyl(diethoxyphosphoryl)acetic Aldehyde in Wittig Reaction <i>L. M. Pevzner</i>	1516
Synthesis of Trivalent Phosphorus Derivatives by Light-Induced Dibromophosphination of Akenes <i>M. N. Krivchun and A. V. Khramchikhin</i>	1527
(4-Methoxyphenyl)amine and Its Derivatives in the Synthesis of <i>O</i> -Silylurethanes, Ureas, and Formamides <i>L. O. Belova, M. V. Pletneva, N. A. Golub, A. A. Korlyukov, A. D. Kirilin, and A. V. Petrogradskii</i>	1531
Silylation of 2-Hydroxypropyl- $\beta$ -cyclodextrin <i>M. K. Grachev, A. V. Popkov, I. I. Levina, and G. I. Kurochkina</i>	1536
Activation of Molecular Oxygen on Copper(II) Complexes of 5-Hydroxy and 5-Aminoorotic Acids <i>V. Yu. Mishinkin, S. A. Grabovskiy, N. N. Kabal'nova, and Yu. I. Murinov</i>	1542
Light-Induced Formation of Nitroxyl Radicals by Organic Bi(V) Compounds in the Presence of 2-Methyl-2-nitrosopropane and <i>C</i> -Phenyl- <i>N</i> - <i>tert</i> -butylnitrone <i>A. V. Gushchin, O. S. Kalistratova, A. I. Maleeva, V. A. Dodonov, D. Yu. Kosov, D. N. Emel'yanov, and V. A. Kuropatov</i>	1547

Effect of Halogenation Features on the Stability of Zinc(II) Complexes with Monoiodo- and Dibromodipyrromethenes <i>E. N. Nuraneeva, G. B. Guseva, and E. V. Antina</i>	1550
Thermal Stability of Chlorophyll <i>a</i> Derivatives Containing Hydrophilic Groups <i>D. B. Berezin, V. V. Makarov, S. S. Guseinov, Yu. V. Romanenko, I. S. Khudyayeva, O. M. Startseva, D. V. Belykh, and A. V. Kustov</i>	1557
Nucleophilic Substitution in 4-Bromo-5-nitrophthalodinitrile: XV. Synthesis of Bis-4,5-(phenylsulfanyl)phthalonitrile, Octakis-4,5-(phenylsulfanyl)phthalocyanines, and Their Sulfo and Alkylsulfamoyl Derivatives <i>S. A. Znoiko, E. S. Golovashova, O. V. Potekhina, D. B. Berezin, M. A. Serova, V. E. Maizlish, and G. P. Shaposhnikov</i>	1562
Coordination of Zinc Tetraphenylporphyrin with Pyridine Derivatives in Chloroform Solution and in the Solid Phase <i>V. P. Andreev, P. S. Sobolev, and V. A. Tafeenko</i>	1572
$\beta$ -Bromo-Substituted Palladium(II) Tetraphenylporphyrins. Synthesis and Spectral Properties <i>N. V. Chizhova, O. V. Mal'tseva, N. Zh. Mamardashvili, and O. I. Koifman</i>	1580
Oxidized Nanodiamond Batches as Filler for Composite Films Based on Polyvinyl Alcohol <i>O. A. Soboleva, E. V. Porodenko, and V. G. Sergeev</i>	1584
Synthesis of Some Substituted 5 <i>H</i> -Furo[3,2- <i>g</i> ]chromene and Benzofuran Sulfonate Derivatives as Potent Anti-HIV Agents <i>A. E. Amr, M. M. Abdalla, S. A. Essaouy, M. M. H. Areef, M. H. Elgamal, T. A. Nassear, A. E. Haschich, and M. A. Al-Omar</i>	1591
Synthesis of Some Substituted Furo[3,2- <i>g</i> ]chromeno[2,3- <i>c</i> ]pyrazole and Pyrazoline Derivatives from 5-Hydroxybergapten and 5-Hydroxyisopimpinellin as EGFR and VEGFR-2 Kinase Inhibitors <i>A. E. Amr, M. M. Abdalla, S. A. Essaouy, M. M. H. Areef, M. H. Elgamal, T. A. Nassear, and A. E. Haschich</i>	1601
Synthesis of New Macroyclic Complexes of Transition Metals: Structural Characterization and Biological Activity <i>K. Soni, R. V. Singh, and N. Fahmi</i>	1610
Synthesis and Characterization of Some Novel 7-(Aryl)-3-phenyl-6-(1 <i>H</i> -tetrazol-5-yl)-5 <i>H</i> -thiazolo[3,2- <i>a</i> ]pyrimidin-5-one Derivatives <i>N. M. Khalifa, M. A. Al-Omar, and A. E. Amr</i>	1618
Synthesis and Some Reactions of Novel (4 <i>Z</i> )-4-{{[1-(3-Chlorophenyl)-3-(4-methoxyphenyl)-1 <i>H</i> -pyrazol-4-yl]methylene}-2-hydrazinyl-1-phenyl-1 <i>H</i> -imidazol-5( <i>H</i> )-ones <i>N. M. Khalifa, M. A. Al-Omar, and E. S. Nossier</i>	1621

## Letters to the Editor

Reaction of Tetra(phenylethynyl)tin with Aromatic Aldehydes: A New One-Pot Method for The Synthesis of $\alpha$ -Acetylene Ketones <i>A. S. Levashov, D. S. Buryi, V. V. Konshin, V. V. Dotsenko, N. A. Aksенов, and I. V. Aksенова</i>	1627
One-Pot Multicomponent Synthesis of 4-(7-Cyclohepta-1,3,5-trienyl)aniline Derivatives <i>T. A. Akent'eva and R. R. Makhmudov</i>	1631
Synthesis and Some Transformations of 2-(4-Isopropyl-2-methyl-2-ethyltetrahydro-2 <i>H</i> -pyran-4-yl)ethanamine <i>N. S. Arutyunyan, R. L. Nazaryan, L. A. Akopyan, N. Z. Akopyan, G. A. Panosyan, and G. A. Gevorgyan</i>	1634
Fe-Catalyzed Synthesis of Methyl-(2 <i>E</i> ,4 <i>Z</i> )-deca-2,4-dienoate, a Component of Sex Pheromones of <i>Pityophyes chalcographus</i> and <i>Acanthoscelides obtectus</i> <i>R. N. Shakhmaev, A. Sh. Sunagatullina, D. A. Akimova, and V. V. Zorin</i>	1638

Reactions of Carbazole with Dimethyl Alkanedisulfonates

*V. B. Sokolov, A. Yu. Aksinenko, T. A. Epishina, and T. V. Goreva*

1641

1-Phenyl-1-X-1-silacyclohexanes (X = MeO, OH, Me<sub>2</sub>N)

*E. N. Suslova and B. A. Shainyan*

1645

---

## Errata

---

Erratum to: “Self-Assembling Catalytic Systems Based on New Amphiphile Containing Purine Fragment, Exhibiting Substrate Specificity in Hydrolysis of Phosphorus Acids Esters”

[*Russian Journal of General Chemistry* **86** (3), 656–660 (2016)]

*D. A. Samarkina, D. R. Gabdrakhmanov, V. E. Semenov, F. G. Valeeva,*

*L. M. Gubaidlullina, L. Ya. Zakharova, V. S. Reznik, and A. I. Konovalov*

1649

---

