

Contents

Vol. 90, No. 2, 2020

| | |
|---|-----|
| 3,3-Sigmatropic Shifts of Allyl Group Along Cyclopentadiene Ring Perimeter <i>G. A. Dushenko, I. E. Mikhailov, O. I. Mikhailova, R. M. Minyaev, and V. I. Minkin</i> | 161 |
| Synthesis of (2-Ethoxy-2-oxoethylthio)methyl Derivatives of Furoic Acids and Attempts of Their Intramolecular Cyclizations under the Conditions of the Claisen Reaction <i>L. M. Pevzner and N. P. Stepanova</i> | 166 |
| Synthesis of New 2-Aminopyrrole Derivatives by Reaction of Furan-2,3-diones 3-Acylhydrazones with CH-Nucleophiles <i>I. A. Kizimova, N. M. Igidov, M. A. Kiselev, M. V. Dmitriev, S. V. Chashchina, and A. I. Siutkina</i> | 182 |
| Completely Regioselective <i>N</i> -Tosylation of 5-Acetyl-4-aryl-6-hydroxy-3,6-dimethyl-4,5,6,7-tetrahydroindazoles <i>A. I. Ismiyev, V. V. Dotsenko, A. V. Bespalov, E. E. Netreba, and A. M. Maharramov</i> | 187 |
| Synthesis and Luminescence and Ionochromic Properties of 9-Hydroxy-1-methyl-3-oxo-3 <i>H</i> -benzo[<i>f</i>]chromene-8-carbaldehyde Imines and Hydrazones <i>O. G. Nikolaeva, O. Yu. Karlutova, A. D. Dubonosov, V. A. Bren, and V. I. Minkin</i> | 196 |
| Synthesis and Bioactivity of 5-Aryl-4-acyl-3-hydroxy-1-[2-(imidazolyl-3-yl)ethyl]-3-pyrroline-2-ones <i>V. L. Gein, N. N. Kasimova, S. V. Chashchina, A. V. Starkova, and A. N. Yankin</i> | 202 |
| Synthesis and Plant Growth Stimulating Action of 2-Amino-6-methylpyrimidine-4(<i>H</i>)-thione Derivatives <i>E. N. Hambarzumyan, A. S. Vorskanyan, L. V. Shahbazyan, and A. P. Yengoyan</i> | 208 |
| Synthesis and Cytotoxicity of Selenium-Containing Dienones <i>D. M. Gusev, A. S. Bunev, and A. A. Golovanov</i> | 217 |
| Synthesis of New 1,3,5-Azadiphosphorinanes Based on Aliphatic Amines <i>E. I. Musina, L. I. Musin, I. A. Litvinov, and A. A. Karasik</i> | 224 |
| Synthesis of Amido- and Diamidophosphites with Polyfluoroalkyl Substituents <i>S. F. Malyshева, N. K. Gusarova, N. A. Belogorlova, A. M. Nalibayeva, S. V. Yasko, N. A. Chernysheva, S. I. Verkhoturova, G. K. Bishimbayeva, and B. A. Trofimov</i> | 229 |
| Single-Crystal X-Ray Diffraction Studies in a Series of 5-Pentafluorophenyl-2,2'-bipyridines and Their Fused Analogs <i>T. D. Moseev, M.V. Varaksin, E. S. Starnovskaya, D. S. Kopchuk, G. V. Zyryanov, P. A. Slepukhin, O. N. Chupakhin, and V. N. Charushin</i> | 235 |
| New Structural Modifications of Cotarnine Alkaloid Derivatives: Cotarnone and Dihydrocotarnine <i>V. G. Kartsev, A. A. Zubenko, L. N. Divaeva, A. S. Morkovnik, T. K. Baryshnikova, and V. Z. Shirinian</i> | 238 |
| Synthesis of New Methanofullerenes with Phthalimide Fragment <i>I. M. Sakhautdinov, G. F. Sakhautdinova, and A. G. Mustafin</i> | 244 |
| New Cyanoarylporphyrazines with High Sensitivity of Photophysical Parameters to Viscosity as Promising Agents for Photodynamic Therapy <i>S. A. Lermontova, T. S. Lyubova, E. Yu. Ladilina, V. I. Plekhanov, I. V. Balalaeva, V. P. Boyarskii, and L. G. Klapshina</i> | 249 |
| Structure, Spectral Properties, and Complexing Ability of 1-Phenyl-3-methylpyrazol-5-one Ferrocenoyl Hydrazone <i>A. N. Morozov, I. N. Shcherbakov, E. A. Raspopova, S. I. Levchenkov, L. D. Popov, and Yu. O. Tkacheva</i> | 257 |
| Interaction of Poly(benzoyl thiocarbamate)-Modified Hyperbranched Polyester with Co(II) and Cu(II) Nitrates <i>M. P. Kutyreva, A. F. Maksimov, A.-M. P. Ernandes, A. A. Zhukova, A. R. Gataulina, and G. A. Kutyrev</i> | 268 |
| Chemical Structure of Catalysts for Processing of High-Boiling By-Products of Isoprene Synthesis <i>A. S. Dykman, A. S. Ogorodnikov, D. S. Orlov, N. V. Chezhina, and D. A. Korolev</i> | 274 |
| Synthesis and Photocatalytic Activity of Cerium(IV) Fibrous Nanostructures <i>A. A. Volkov, T. B. Boitsova, V. M. Stozharov, and E. I. Isaeva</i> | 277 |

| | |
|---|-----|
| Synthesis of MnO ₂ Nanoparticles Stabilized by Methionine <i>A. V. Blinov, A. A. Kravtsov, S. O. Krandievskii, V. P. Timchenko, A. A. Gvozdenko, and A. A. Blinova</i> | 283 |
| Quantum-Chemical Study of Yb@C ₆₀ , Yb@B ₂ C ₅₈ , and Gd@B ₃ C ₅₇ Molecules <i>A. V. Zakharova, S. G. Semenov, M. E. Bedrina, and A. V. Titov</i> | 287 |
| A Versatile VMPO Catalyst Prepared In Situ for Oxidative Ammonolysis of Isomeric Picolines and Xylenes <i>Rabinarayan Senapati, D. D. Pathak, and P. Dutta</i> | 292 |
| Single-Crystal Structure and Antimicrobial Activity of Ethyl 3-Amino-1-(4-chlorophenyl)-9-hydroxy-1 <i>H</i> -benzo[<i>f</i>]chromene-2-carboxylate Combined with Ethyl α -Cyano-4-chlorocinnamate <i>H. A. M. Radwan, H. K. A. El-Mawgoud, F. El-Mariah, A. M. El-Agrody, A. E. Amr, M. A. Al-Omar, and H. A. Ghabbour</i> | 299 |
| Two Isomorphic Coordination Polymers Based on Triazolyl Derivative and Dicarboxylate Ligand: Synthesis, Structures, and Properties <i>Y. F. Wang, M. H. Li, and L. Y. Wang</i> | 305 |
| Enantiotropic Transformation of Carbethoxyhydrazone of Acetophenones <i>E. A. Popova, O. V. Stepanova, V. V. Bessonov, G. D. Nepochatyi, L. M. Pevzner, and M. L. Petrov</i> | 311 |
| Synthesis and Anticancer Activity of a Novel Series of Tetrazolo[1,5- <i>a</i>]quinoline Based 1,2,3-Triazole Derivatives <i>R. Nagaraju, K. Gopichand, N. N. Rao, A. M. Ganai, E. Kishan, and P. Venkateswar Rao</i> | 314 |

Letters to the Editor

| | |
|---|-----|
| Synthesis of 3-Phosphorylated Thiazolo[3,2- <i>a</i>]pyrimidine-6-carboxylates <i>D. M. Egorov, A. A. Babushkina, V. E. Leonenok, A. P. Chekalov, and Yu. L. Piterskaya</i> | 319 |
|---|-----|
