

Список публикации д.х.н. Третьякова Е.В.

1. S. Tolstikov, E. Tretyakov, S. Fokin, E. Suturina, G. Romanenko, A. Bogomyakov, D. Stass, A. Maryasov, M. Fedin, N. Gritsan, V. Ovcharenko. C(sp²)-coupled nitronyl nitroxide and iminonitroxide diradicals. *Chem. Eur. J.*, **2014**, 20, 2793-2803.
2. E. V. Tretyakov, G. V. Romanenko, S. L. Veber, M. V. Fedin, A. V. Polushkin, A. O. Tkacheva, V. I. Ovcharenko. Cu(hfac)₂ complexes with nitronyl ketones structurally mimicking nitronyl nitroxides in breathing crystals. *Aust. J. Chem.* **2015**, 68, 970-980.
3. L. V. Politanskaya, I. P. Chuikov, E. V. Tretyakov, V. D. Shteingarts, L. P. Ovchinnikova, O. D. Zakharova, G. A. Nevinsky. An effective two-step synthesis, fluorescent properties, antioxidant activity and cytotoxicity evaluation of benzene-fluorinated 2,2-dimethyl-2,3-dihydro-1h-quinolin-4-ones. *J. Fluorine Chem.*, **2015**, 178, 142-153.
4. L. Politanskaya, V. Shteingarts, E. Tretyakov, A. Potapov. The *p*-toluenesulfonic acid-catalyzed transformation of polyfluorinated 2-alkynylanilines to 2-aminoarylketones and indoles. *Tetrahedron Lett.*, **2015**, 56, 5328-5332.
5. E. V. Tretyakov, R. Yu. Peshkov, E. V. Panteleeva, A. S. Scrypnik, D. V. Stass, G. V. Romanenko, V. I. Ovcharenko. Addition of cyanomethyl anion to the cyano group of 2-cyano-4,4,5,5-tetramethyl-4,5-dihydro-1h-imidazol-3-oxide-1-oxyl, a nitronyl nitroxide. *Tetrahedron Lett.*, **2016**, 57, 2327-2330.
6. L. V. Politanskaya, V. D. Shteingarts, E. V. Tretyakov. General and efficient synthesis of polyfluorinated 2-aminotolans and 2-arylindoles. *J. Fluor. Chem.*, **2016**, 188, 85-98.
7. R. Yu. Peshkov, E. V. Panteleeva, W. Chunyan, E. V. Tretyakov, V. D. Shteingarts. One-pot synthesis of 4'-alkyl-4-cyanobiaryls on the basis of the terephthalonitrile dianion and neutral aromatic nitrile cross-coupling. *Beilstein J. Org. Chem.*, **2016**, 12, 1577-1584.
8. S. E. Tolstikov, E. V. Tretyakov, D. E. Gorbunov, I. F. Zhurko, M. V. Fedin, G. V. Romanenko, A. S. Bogomyakov, N. P. Gritsan, D. G. Mazhukin. Reaction of paramagnetic synthon, lithiated 4,4,5,5-tetramethyl-4,5-dihydro-1h-imidazol-1-oxyl 3-oxide, with cyclic aldonitrones of the imidazole series. *Chem. Eur. J.*, **2016**, 22, 14598-14604.
9. S. I. Zhivetyeva, O. D. Zakharova, L. P. Ovchinnikova, D. S. Baev, I. Yu. Bagryanskaya, V. D. Shteingarts, T. G. Tolstikova, G. A. Nevinsky, E. V. Tretyakov. Phosphonium betaines derived from hexafluoro-1,4-naphthoquinone: synthesis and cytotoxic and antioxidant activities. *J. Fluor. Chem.*, **2016**, 192, 68-77.
10. I. Yu. Bagryanskaya, M. Fedin, D. Gorbunov, N. Gritsan, L. Gurskaya, M. Kazantsev,

- Yu. Polienko, D. Stass, E. Tretyakov. A nitroxide diradical containing a ferrocen-1,1'-diyl-substituted 1,3-diazetidine-2,4-diimine coupler. *Tetrahedron Lett.*, **2017**, 58, 478-481.
11. A. D. Skolyapova, G. A. Selivanova, E. V. Tretyakov, T. F. Bogdanova, L. N. Shchegoleva, I. Yu. Bagryanskaya, L. Yu. Gurskaya. V. D. Shteingarts. Interaction of polyfluorinated 2-chloroquinolines with ammonia. *Tetrahedron*, **2017**, 73, 1219-1229.
12. E. V. Tretyakov, P. A. Fedyushin, E. V. Panteleeva, D. V. Stass, I. Yu. Bagryanskaya, I. V. Beregovaya, A. S., Bogomyakov. Substitution of a fluorine atom in perfluorobenzonitrile by a lithiated nitronyl nitroxide. *J. Org. Chem.*, **2017**, 82, 4179-4185.