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Публикации

- Novikov, R. A.; Tarasova, A. V.; Denisov, D. A.; Borisov, D. D.; Korolev, V. A.; Timofeev, V. P.; Tomilov, Y. V. [4 + 2] Annulation of Donor-Acceptor Cyclopropanes with Acetylenes Using 1,2-Zwitterionic Reactivity // *J. Org. Chem.* – 2017. – V. 82. – P 2724-2738.
- Salikov, R. F.; Trainov, K. P.; Levina, A. A.; Belousova, I. K.; Medvedev, M. G.; Tomilov, Y. V. Synthesis of Branched Tryptamines via the Domino Cloke-Stevens/Grandberg Rearrangement // *J. Org. Chem.* – 2017. – V. 82. – P 790-795.
- Borisov, D. D.; Novikov, R. A.; Tomilov, Y. V. GaCl₃-Mediated Reactions of Donor–Acceptor Cyclopropanes with Aromatic Aldehydes // *Angew. Chem. Int. Ed.* – 2016. – V. 55. – P 12233-12237.
- Platonov, D. N.; Belyy, A. Y.; Ananyev, I. V.; Tomilov, Y. V. Synthesis of 1,2,3,4,5,6,7-Heptasubstituted Cycloheptatrienes through Cycloaddition Reactions of Substituted Cyclopentadienones // *Eur. J. Org. Chem.* – 2016. – P. 4105-4110.
- Badamshin, A. G.; Spirikhin, L. V.; Salikov, R. F.; Dokichev, V. A.; Tomilov, Y. V. Lewis acid-catalyzed reactions of N-allylanilines with diazo compounds involving aza-Claisen rearrangement // *Mend. Comm.* – 2015. – V. 25. – P. 438-439.
- Novikov, R. A.; Tarasova, A. V.; Tomilov, Y. V. GaCl₃-mediated acyclic dimerization of donor-acceptor cyclopropanes using 1,2-dipole reactivity // *Mend. Comm.* – 2015. – V. 25. – P. 341-343.
- Novikov, R. A.; Tarasova, A. V.; Korolev, V. A.; Shulishov, E. V.; Timofeev, V. P.; Tomilov, Y. V. Donor-Acceptor Cyclopropanes as 1,2-Dipoles in GaCl₃-Mediated [4 + 2]-Annulation with Alkenes: Easy Access to the Tetralin Skeleton // *J. Org. Chem.* – 2015. – V. 80. – P 8225-8235.
- Tabolin, A. A.; Novikov, R. A.; Khomutova, Y. A.; Zharov, A. A.; Stashina, G. A.; Nelyubina, Y. V.; Tomilov, Y. V., Ioffe, S. L. Formal [3+3]-cycloaddition of 3-methyl-5,6-dihydro-4H-1,2-oxazine-N-oxides with cyclopropane dicarboxylates under hyperbaric conditions // *Tetrahedron Lett.* – 2015. – V. 56. – P 2102-2105.
- Gorbacheva, E. O.; Tabolin, A. A.; Novikov, R. A.; Khomutova, Y. A.; Nelyubina, Y. V.; Tomilov, Y. V., Ioffe, S. L. Six-membered cyclic nitronates as 1,3-dipoles in formal [3 + 3]-cycloaddition with donor-acceptor cyclopropanes. synthesis of new type of bicyclic Nitrosoacetals // *Org. Lett.* – 2013. – V. 15. – P. 350-353.