

# Scientific Publications

1. Ivachtchenko A.V., Dmitriev D.E., Golovina E.S., Dubrovskaya E.S., Kadieva M.G., Koryakova A.G., Kysil V.M., Mitkin O.D., Tkachenko S.E., Okun I.M., Vorobiov A.A. Synthesis of cycloalkane-annelated 3-phenylsulfonyl-pyrazolo[1,5-a]pyrimidines and their evaluation as 5-HT(6) receptor antagonists. *Bioorganic & Medicinal Chemistry Letters*. 2010 Feb 14. in press.
2. Kysil V., Khvat A., Tsiurulnikov S., Tkachenko S., Williams C., Churakova M., Ivachtchenko A. General Multicomponent Strategy for the Synthesis of 2-Amino-1,4-diazaheterocycles: Scope, Limitations, and Utility. *European Journal of Organic Chemistry*. 2010; 1525-1543.
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4. Ivachtchenko A.V., Mitkin O.D., Tkachenko S.E., Okun I.M., Kysil V.M. 8-Sulfonyl-substituted tetrahydro-1H-pyrido[4,3-b]indoles as 5-HT(6) receptor antagonists. *European Journal of Medicinal Chemistry*. 2010; 45(2): 782-789.
5. Ivachtchenko A.V., Frolov E.B., Mitkin O.D., Tkachenko S.E., Okun I.M., Khvat A.V. Synthesis and biological activity of 5-styryl and 5-phenethyl-substituted 2,3,4,5-tetrahydro-1H-pyrido[4,3-b]indoles. *Bioorganic & Medicinal Chemistry Letters*. 2010; 20(1): 78-82.
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10. Kysil V.M., Khvat A., Tsiurulnikov S., Tkachenko S., Ivachtchenko A. Multicomponent approach to unique 1,4-diazepine-2-amines. *Tetrahedron Letters*. 2009; 50(24): 2854-2856.
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