

Reactions of Methyl 3,3,3-Trifluoro-2-(pyridin-2-ylimino)-propanoates with Mono- and Difunctional Nucleophiles

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Abstract—Reactions of methyl 3,3,3-trifluoro-2-(pyridin-2-ylimino)propanoates with such nucleophiles and 1,3-binucleophiles as methanol, *p*-toluidine, phenylhydrazine, diethyl phosphonate, 2-aminobut-2-enenitrile, benzamidine, and 4,5-dihydro-1,3-thiazol-2-amine led to the formation of various acyclic 2-substituted methyl 3,3,3-trifluoro-2-(pyridin-2-ylamino)propanoates and trifluoromethyl-containing heterocyclic N-substituted 2-aminopyridine derivatives: 4,5-dihydro-1*H*-pyrroles, 4,5-dihydro-1*H*-imidazol-5-ones, and 2,3-dihydro-6*H*-imidazo[2,1-*b*][1,3]thiazol-5-ones.

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