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Heterocyclization of 4-Trifluoroacetyl-2,3-dihydropyrroles with Hydrazines and Amidines: A New Access to Trifluoromethylated Pyrazoles and Pyrimidines Bearing a  $\beta$ -Aminoethyl Side Chain

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**Abstract**: Trifluoromethyl-substituted heterocycles (**2** and **3**) have been prepared by condensation of the new 4-trifluoroacetyl-2,3-dihydropyrroles (**1**) with hydrazines or amidines as a bifunctional *N*-nucleophile with opening of the dihydropyrrole ring.

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