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A facile amidation of chloroacetyl chloride using DBU

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Abstract: A facile one-pot process for the synthesis of amides from aromatic amines and chloroacetyl chloride has been developed using DBU. The method gave 75 to 95% yields in 3-6 h using tetrahydrofuran (THF) as a solvent at room temperature. The products have been characterized by mp, IR, ¹H NMR and elemental analysis.

Keywords: Amide bond formation, Aryl amines, chloroacetyl chloride, DBU, DABCO, THF.

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