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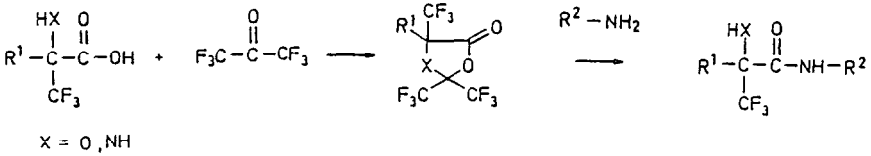
A CONVENIENT METHOD FOR CARBOXYL GROUP ACTIVATION IN TRIFLUOROMETHYL SUBSTITUTED α-AMINO AND α-HYDROXY ACIDS

U. Wucherpfennig* and K. Burger

Institut für Organische Chemie, Technische Universität München, Lichtenbergstr. 4, 8046 Garching (F.R.G.)

α-Amino and α-hydroxy acids are key compounds in chemistry of life. Only recently preparative routes to their α-trifluoromethyl analogues became available [1,2]. The compounds turned out to be irreversible enzyme inhibitors [3].

We now report on a simple procedure, which allows protection of the α - functionality and activation of the carboxy group in one step. Several trifluoromethyl substituted biological interesting compounds now become available readily.



X = O, NH

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