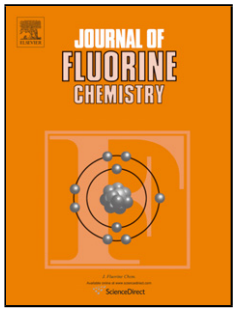

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Convenient synthesis of aliphatic $(CF_3)_2N$-compounds

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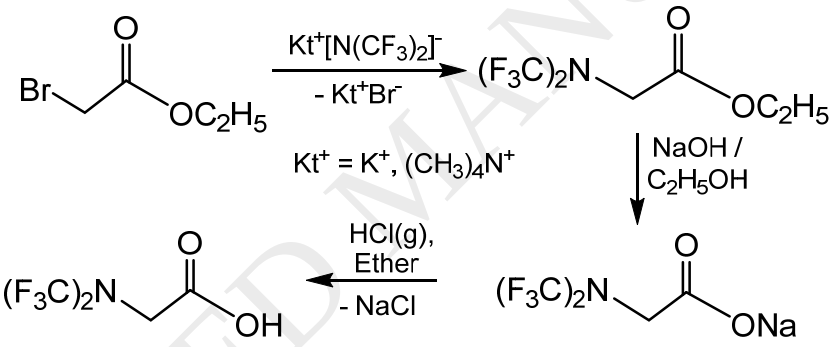
Dedicated to Professor Helge Willner on the occasion of his 70th birthday.

Keywords: nucleophilic substitution; $[N(CF_3)_2]^-$ anion; *N*,*N*-bis(trifluoromethyl)glycine; fluorinated amino acids; acidity; ionic liquids in organic synthesis

Graphical Abstract



***N,N*-bis(trifluoromethyl)glycine**

Highlights

1. $[N(CF_3)_2]^-$ anion can be easily generated from $CF_3SO_2N(CF_3)_2$.
2. $(CF_3)_2N$-derivatieves are accessible via nucleophilic substitution.
3. Previously unknown *N*,*N*-bis(trifluoromethyl)glycine is prepared in high yield.

Abstract.