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## Convenient synthesis of aliphatic (CF<sub>3</sub>)<sub>2</sub>N-compounds

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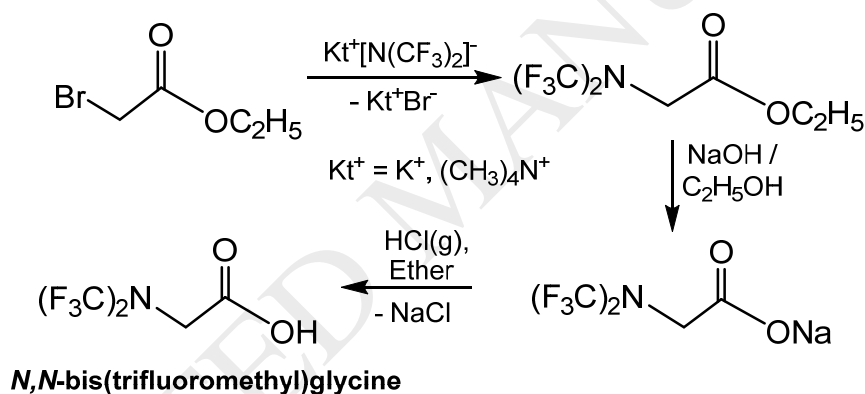
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*Dedicated to Professor Helge Willner on the occasion of his 70<sup>th</sup> birthday.*

**Keywords:** nucleophilic substitution; [N(CF<sub>3</sub>)<sub>2</sub>]<sup>−</sup> anion; *N,N*-bis(trifluoromethyl)glycine; fluorinated amino acids; acidity; ionic liquids in organic synthesis

### Graphical Abstract



### Highlights

1. [N(CF<sub>3</sub>)<sub>2</sub>]<sup>−</sup> anion can be easily generated from CF<sub>3</sub>SO<sub>2</sub>N(CF<sub>3</sub>)<sub>2</sub>.
2. (CF<sub>3</sub>)<sub>2</sub>N-derivatives are accessible via nucleophilic substitution.
3. Previously unknown *N,N*-bis(trifluoromethyl)glycine is prepared in high yield.

### Abstract.

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