

3-Bromo-1,1,1-trifluoroacetone

CAS No. 431-35-6

3-Bromo-1,1,1-trifluoroacetone is used as an building block in the synthesis of various agricultural and pharmaceutical intermediates.

Specifications

Assay by Gas Chromatography 97 % minimum

Physical Properties

Chemical Formula: $\text{CF}_3\text{COCH}_2\text{Br}$
Mol. Wt.: 190.95
Boiling Pt.: 87 °C @ 743mm Hg
Melting Pt.: Not available
Flash Pt.: 41 °F / 5 °C
Density: 1.84 g/cm³
Appearance: Clear liquid, light yellow in color

Packaging

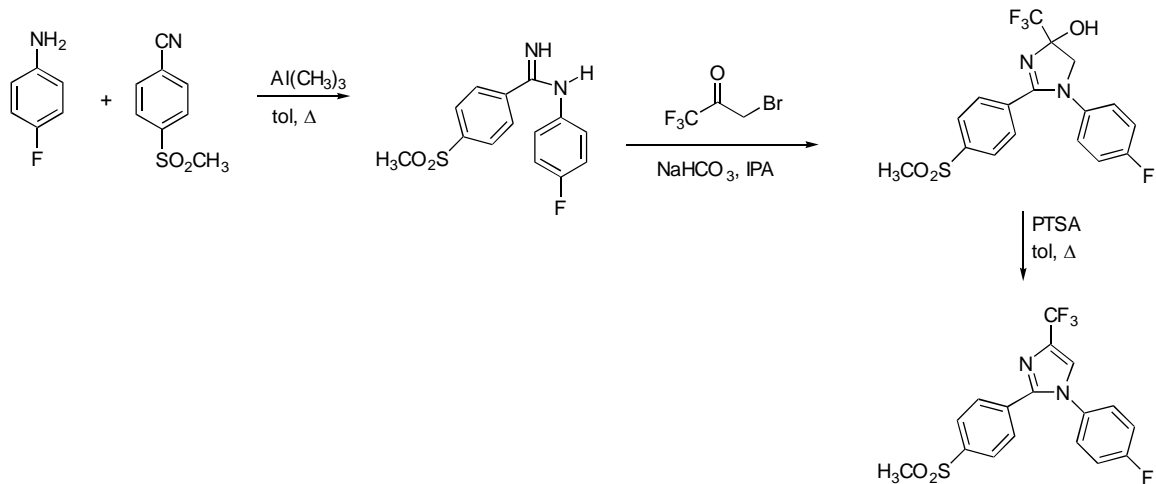
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Typical chemistry and uses

It is used as an intermediate in the synthesis of pharmaceutical and agricultural chemicals. Some examples are shown below.

Heterocyclo-substituted imidazoles for the treatment of inflammation

U.S. 6613789, 2003, G. D. Searle & Co.



Non-steroidal agonist compounds and their role in male hormone therapy

U.S. 6,160,011, 2000, The University of Tennessee Research Co.

