

Isopropyl Trifluoroacetate

CAS No. 400-38-4

Isopropyl trifluoroacetate is the isopropyl ester of trifluoroacetic acid. It is used as an intermediate in the preparation of pharmaceutically active molecules.

Specifications

Assay by Gas Chromatography	99% minimum
Acidity (as trifluoroacetic acid)	0.1% maximum
Fluoride	50 ppm
Chloride	100 ppm

Physical Properties

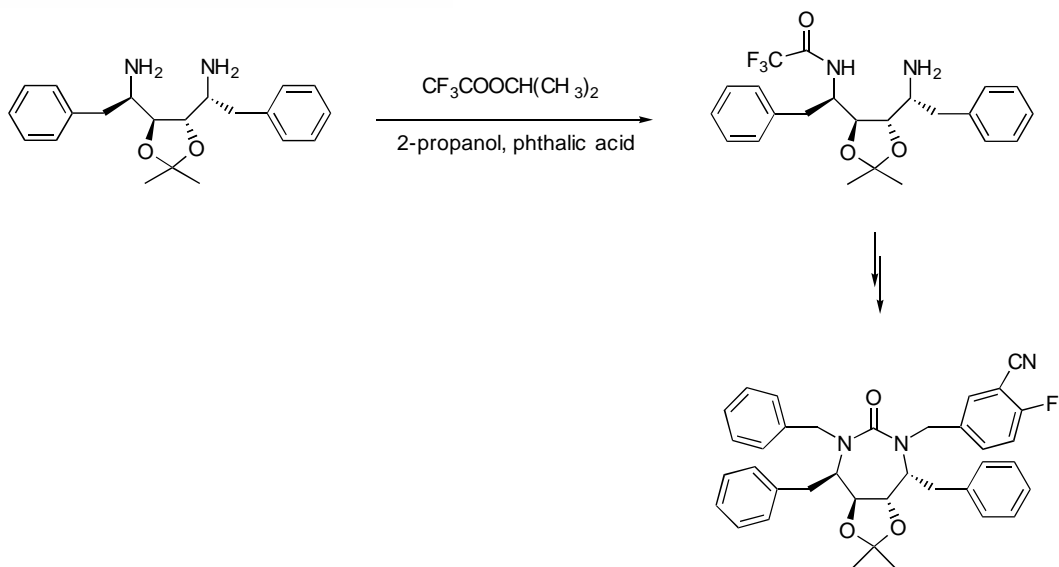
Chemical Formula:	CF ₃ COOCH (CH ₃) ₂
Mol. Wt.:	156.11
Boiling Pt.:	73 °C
Melting Pt.:	Not determined
Flash Pt.:	Not determined
Density:	1.12 g/cm ³

Packaging

Contact Customer Service

Typical chemistry and uses

It is used as a building block in organic synthesis. Some examples involving the application of isopropyl trifluoroacetate are shown below.



Asymmetric cyclic urea's through monoacylated diamine intermediate
U.S. Pat. No. 6,218,534; Dupont Pharmaceuticals