



Ethyl trifluoroacetoacetate

CAS No. 372-31-6

Ethyl trifluoroacetoacetate is used as a building block in the synthesis of agricultural and pharmaceutically active intermediates.

Proposed Specifications

Area by Gas Chromatography	98.0% minimum
Appearance:	Clear liquid

Physical Properties

Chemical Formula:	$\text{CF}_3\text{C}(\text{O})\text{CH}_2\text{C}(\text{O})\text{OCH}_2\text{CH}_3$
Mol. Wt.:	184.11
Boiling Pt.:	130-133 °C
Melting Pt.:	-39 °C
Flash Pt.:	38 °C
Vapor Pressure:	6 mm Hg at 20 °C
Density:	1.26 g/cm ³

Packaging

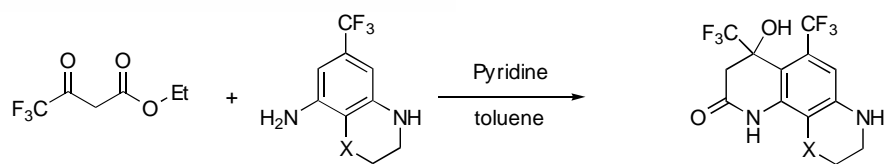
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Typical chemistry and uses

Ethyl trifluoroacetoacetate is used as a raw material in the synthesis of various agricultural and pharmaceutically active molecules. Some examples of its use are shown below.

2-(Quinolonyl) fused heterocycles as androgen receptor modulators.

US 6858621, 2005, Ortho-McNeil Pharmaceutical, Inc.



where X = N, O or S

Production of pyridazine herbicides

US 6,333,413, 2001, Sumitomo Chemical Company Limited.

