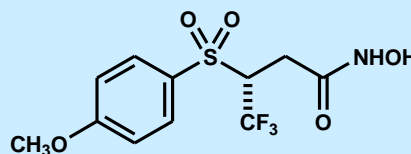


## Ethyl 4,4,4-trifluorocrotonate

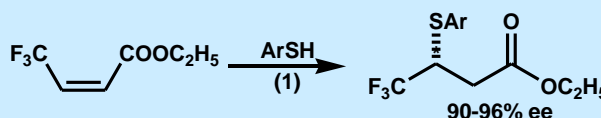


<b>Purity</b>	≥99%
<b>Catalog Number</b>	0965
<b>CAS Number</b>	[406-10-01] (E) [25597-16-4]
<b>MDL Number</b>	MFCD00009903
<b>Molecular Formula</b>	C6H7F3O2
<b>Molecular Weight</b>	168.12

- (R)-γ-trifluoromethyl-γ-sulfone hydroxamate intermediate (Stromalysin 1 inhibitor)



### Application



(1) chiral bifunctional organocatalysts

*Org.Lett.* 2011, 13, p4426

- Raw materials for synthesis of trifluoromethylated amino acids  
 $\text{CF}_3\text{CH}=\text{CHCOOC}_2\text{H}_5 + \text{NH}_3 \rightarrow \text{CF}_3\text{CH}(\text{NH}_2)\text{CH}_2\text{COOCONH}_2$

*J. Medicinal Chem.* 1964, Vol.7, No.3, p369-370

### Properties:

<b>Appearance</b>	Colorless liquid
<b>Boiling point, °C</b>	114-115
<b>Melting point, °C</b>	-
<b>Flash point, °C</b>	25

<b>Capacity:</b>	200 kg per month
<b>Packing:</b>	HDPE Jerrycan
<b>UN, PG:</b>	1993 III