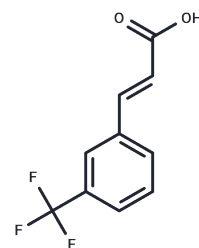


3-(Trifluoromethyl)cinnamic acid

Chemical Properties

CAS No. :	779-89-5
Formula:	C ₁₀ H ₇ F ₃ O ₂
Molecular Weight:	216.157
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	3-(Trifluoromethyl)cinnamic acid (3-(3-(Trifluoromethyl)phenyl)acrylic acid) can be used to study drug-resistant bacterial infections.
Targets(IC50)	Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6262 mL	23.131 mL	46.262 mL
5 mM	0.9252 mL	4.6262 mL	9.2524 mL
10 mM	0.4626 mL	2.3131 mL	4.6262 mL
50 mM	0.0925 mL	0.4626 mL	0.9252 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Wang TT, et al. A novel ionic liquid-modified organic-polymer monolith as the sorbent for in-tube solid-phase microextraction of acidic food additives. Anal Bioanal Chem. 2014 Aug;406(20):4955-63.

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