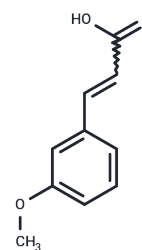


3-(3-Methoxyphenyl)acrylic acid

Chemical Properties

CAS No. :	6099-04-3
Formula:	C ₁₀ H ₁₀ O ₃
Molecular Weight:	178.19
Storage:	Store at 4°C Actual storage temperature shall be subject to the COA.



Biological Description

Description	3-(3-Methoxyphenyl)acrylic acid can inhibit free radical generation, has antioxidant potential, and can be used in biochemical experiments and drug synthesis.
Targets(IC50)	ROS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.612 mL	28.0599 mL	56.1199 mL
5 mM	1.1224 mL	5.612 mL	11.224 mL
10 mM	0.5612 mL	2.806 mL	5.612 mL
50 mM	0.1122 mL	0.5612 mL	1.1224 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

Avanesyan AA, Pashkov AN, Simonyan NA, Simonyan AV, Myachina OV. Antiradical activity of cinnamic acid derivatives. *Pharmaceutical Chemistry Journal*. 2009 May;43(5).

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