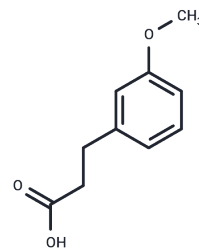


3-(3-Methoxyphenyl)propionic acid

Chemical Properties

CAS No. :	10516-71-9
Formula:	C ₁₀ H ₁₂ O ₃
Molecular Weight:	180.2
Appearance:	Solid
Storage:	Pure form: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	3-(3-Methoxyphenyl)propionic acid (3-Methoxyhydrocinnamic acid) is a naturally occurring human metabolite, It is an organic acid and excreted in human urine.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (11.1 mM),Sonication is recommended. DMSO: 45 mg/mL (249.72 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5494 mL	27.7469 mL	55.4939 mL
5 mM	1.1099 mL	5.5494 mL	11.0988 mL
10 mM	0.5549 mL	2.7747 mL	5.5494 mL
50 mM	0.111 mL	0.5549 mL	1.1099 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.

Reference

Guneral F, et al. Age-related reference values for urinary organic acids in a healthy Turkish pediatric population. Clin Chem. 1994 Jun;40(6):862-6.

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