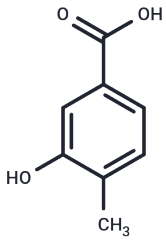
Data Sheet (Cat.No.TYD-00741)

TargetMol

3-Hydroxy-4-methylbenzoic acid

Chemical Properties



CAS No. : 586-30-1

Formula: C8H8O3

Molecular Weight: 152.15

Appearance: Solid

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	3-Hydroxy-4-methylbenzoic acid is a benzoic acid derivative widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others
In vitro	Fresh corms of Urginea sanguinea produce stigmasterol, phloroglucinol, phloroglucinol 1-β-D-glucopyranoside (phlorin), scillaren A, a novel compound 5-α-4,5-dihydrochloran A (1), salicylic acid, and 3-Hydroxy-4-methylbenzoic acid. Salicylic acid and 3-Hydroxy-4-methylbenzoic acid showed weak antimicrobial activity. [1]

Solubility Information

Solubility	DMSO: 80 mg/mL (525.8 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.5725 mL	32.8623 mL	65.7246 mL
5 mM	1.3145 mL	6.5725 mL	13.1449 mL
10 mM	0.6572 mL	3.2862 mL	6.5725 mL
50 mM	0.1314 mL	0.6572 mL	1.3145 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

Majinda RR,et al. Bufadienolides and other constituents of Urginea sanguinea. Planta Med. 1997 Apr;63(2):188-90.

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