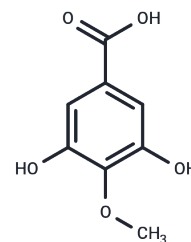


3,5-DIHYDROXY-4-METHOXYBENZOIC ACID

Chemical Properties

CAS No. :	4319-02-2
Formula:	C ₈ H ₈ O ₅
Molecular Weight:	184.15
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	3,5-Dihydroxy-4-methoxybenzoic acid is a benzoic acid that can be used in organic synthesis and biological experiments.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (434.43 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	5.4304 mL	27.1518 mL	54.3036 mL
5 mM	1.0861 mL	5.4304 mL	10.8607 mL
10 mM	0.543 mL	2.7152 mL	5.4304 mL
50 mM	0.1086 mL	0.543 mL	1.0861 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

- Gadallah AS, et al. Anti-Inflammatory Principles from Tamarix aphylla L.: A Bioassay-Guided Fractionation Study. *Molecules*. 2020 Jun 30;25(13):2994.
- Nikodejevic B, et al. Catechol-O-methyltransferase. II. A new class of inhibitors of catechol-o-methyltransferase; 3,5-dihydroxy-4-methoxybenzoic acid and related compounds. *J Pharmacol Exp Ther*. 1970 Jul;174(1):83-93.

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