Data Sheet (Cat.No.T36736)

C9H10O4



3,5-Dimethoxybenzoic acid

Chemical Properties

Formula:

CAS No.: 1132-21-4

Molecular Weight: 182.17

Appearance: no data available

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

Biological Description

Description 3,5-Dimethoxybenzoic acid, derived from the leaves of Melia azedarach L., exhibits

antifungal activity and serves as an organic synthesis intermediate[1].

Solubility Information

Solubility DMSO: Soluble

(c.1 mg/ml refers to the product slightly soluble or insoluble)

(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg	
1 mM	5.4894 mL	27.4469 mL	54.8938 mL	
5 mM	1.0979 mL	5.4894 mL	10.9788 mL	
10 mM	0.5489 mL	2.7447 mL	5.4894 mL	
50 mM	0.1098 mL	0.5489 mL	1.0979 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

Khajista Jabeen, et al. Antifungal Compounds From Melia Azedarach Leaves for Management of Ascochyta Rabiei, the Cause of Chickpea Blight. Nat Prod Res. 2011 Feb;25(3):264-76.

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