

meso-Dihydroguaiaretic acid

Chemical Properties

CAS No. : 66322-34-7

Formula: C₂₀H₂₆O₄

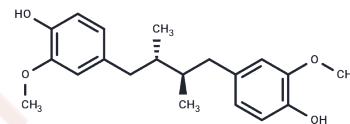
Molecular Weight: 330.42

Keep away from direct sunlight, Keep away from moisture

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	meso-Dihydroguaiaretic acid is a natural lignan exhibiting multiple biological activities, including the inhibition of proliferation in ACC375, COS, and HeLa cells.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (242.12 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0265 mL	15.1323 mL	30.2645 mL
5 mM	0.6053 mL	3.0265 mL	6.0529 mL
10 mM	0.3026 mL	1.5132 mL	3.0265 mL
50 mM	0.0605 mL	0.3026 mL	0.6053 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

Jeong M, et al. Kudsuphilactone B, a nortriterpenoid isolated from Schisandra chinensis fruit, induces caspase-dependent apoptosis in human ovarian cancer A2780 cells. Arch Pharm Res. 2017 Apr;40(4):500-508.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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