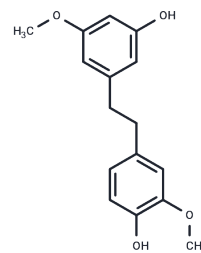


Gigantol

Chemical Properties

CAS No. :	83088-28-2
Formula:	C ₁₆ H ₁₈ O ₄
Molecular Weight:	274.31
Storage:	Pure form: -20°C for 3 years In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Gigantol(Dendrophenol) (3,4'-dihydroxy-5,5'-dimethoxybibenzyl) is isolated from the stems of Dendrobium candidum.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 72.5 mg/mL (264.3 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	3.6455 mL	18.2276 mL	36.4551 mL
5 mM	0.7291 mL	3.6455 mL	7.291 mL
10 mM	0.3646 mL	1.8228 mL	3.6455 mL
50 mM	0.0729 mL	0.3646 mL	0.7291 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

Li Y, Wang CL, Guo SX, Yang JS, Xiao PG. Two new compounds from Dendrobium candidum. Chem Pharm Bull (Tokyo). 2008 Oct;56(10):1477-9.

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