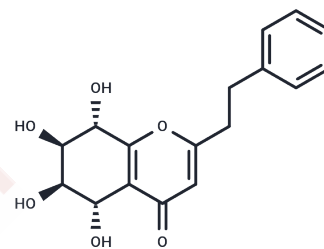


Agarotetrol

Chemical Properties

CAS No. :	69809-22-9
Formula:	C ₁₇ H ₁₈ O ₆
Molecular Weight:	318.32
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Agarotetrol is a flavonoid derivative isolated from agarwood.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (172.78 mM), Sonication is recommended. H ₂ O: 25 mg/mL (78.54 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	3.1415 mL	15.7075 mL	31.4149 mL
5 mM	0.6283 mL	3.1415 mL	6.283 mL
10 mM	0.3141 mL	1.5707 mL	3.1415 mL
50 mM	0.0628 mL	0.3141 mL	0.6283 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

Sugiyama T, et al. Three new 5,6,7,8-tetrahydroxy-5,6,7,8-tetrahydrochromone derivatives enantiomeric to agarotetrol from agarwood. J Nat Med. 2018 Jun;72(3):667-674.

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