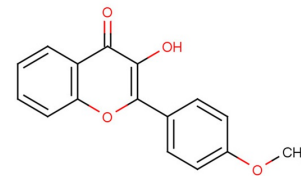


4'-Methoxyflavonol

Chemical Properties

CAS No.:	6889-78-7
Formula:	C ₁₆ H ₁₂ O ₄
Molecular Weight:	268.26
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	4'-Methoxyflavonol is a synthesized flavone/flavonol with 1, 2-dipalmitoyl-sn-glycero-3-phosphocholine (DPPC) bilayers.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 6.4 mg/mL (23.86 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.728 mL	18.639 mL	37.277 mL
5 mM	0.746 mL	3.728 mL	7.455 mL
10 mM	0.373 mL	1.864 mL	3.728 mL
50 mM	0.075 mL	0.373 mL	0.746 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Islam MT. Variation in chemotactic preferences of *Aphanomyces cochlioides* zoospores to flavonoids. Z Naturforsch C. 2009 Nov-Dec;64(11-12):847-52.

Inhibitors · Natural Compounds · Compound Libraries

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