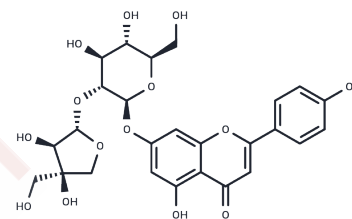


Apiin

Chemical Properties

CAS No. :	26544-34-3
Formula:	C ₂₆ H ₂₈ O ₁₄
Molecular Weight:	564.49
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	1. Apiin (Apioside) is the reducing and stabilizing agent. 2. Apiin has inhibitory activity in-vitro on iNOS expression and nitrite production when added before LPS stimulation in the medium of J774.A1 cells.
Targets(IC50)	Others

Solubility Information

Solubility	Pyridine, Methanol, etc.: Soluble, Ethanol: Soluble, DMSO: 55 mg/mL (97.43 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	1.7715 mL	8.8576 mL	17.7151 mL
5 mM	0.3543 mL	1.7715 mL	3.543 mL
10 mM	0.1772 mL	0.8858 mL	1.7715 mL
50 mM	0.0354 mL	0.1772 mL	0.3543 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

Bensouici C , Kabouche A , Karioti A , et al. Compounds from Sedum caeruleum with antioxidant, anticholinesterase, and antibacterial activities.[J]. Pharmaceutical Biology, 2015, 54(1):174.

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