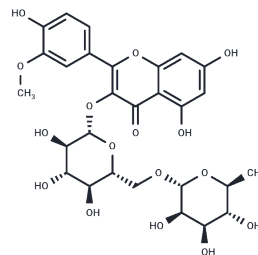


Narcissin

Chemical Properties

CAS No. :	604-80-8
Formula:	C ₂₈ H ₃₂ O ₁₆
Molecular Weight:	624.54
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Narcissin (Isorhamnetin 3-Rutinoside), with synergism of B.flavum flavonoid and rutin, could be responsible for stronger protection against mitochondrial induced oxidative stress.
Targets(IC50)	Antioxidant

Solubility Information

Solubility	Ethanol: Soluble, DMSO: 91 mg/mL (145.71 mM), Sonication is recommended. Pyridine, Methanol, etc.: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6012 mL	8.0059 mL	16.0118 mL
5 mM	0.3202 mL	1.6012 mL	3.2024 mL
10 mM	0.1601 mL	0.8006 mL	1.6012 mL
50 mM	0.032 mL	0.1601 mL	0.3202 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

Gevrenova R , Kondeva-Burdina M , Denkov N , et al. Flavonoid profiles of three Bupleurum species and in vitro hepatoprotective activity of Bupleurum flavum Forsk.[J]. Pharmacognosy Magazine, 2015, 11(41):14.

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