

2''-O-Rhamnosylcariside II

Chemical Properties

CAS No. : 135293-13-9

Formula: C₃₃H₄₀O₁₄

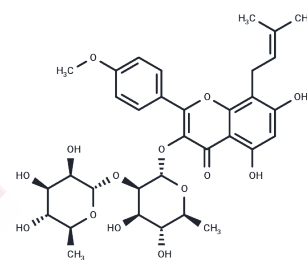
Molecular Weight: 660.66

Keep away from direct sunlight, Keep away from moisture

Storage:

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	2''-O-Rhamnosylcariside II is beneficial for improving postmenopausal osteoporosis and demonstrates potent antioxidant activity, with IC ₅₀ values of 90.5 μM [90.5 uM].
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5136 mL	7.5682 mL	15.1364 mL
5 mM	0.3027 mL	1.5136 mL	3.0273 mL
10 mM	0.1514 mL	0.7568 mL	1.5136 mL
50 mM	0.0303 mL	0.1514 mL	0.3027 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

Zhao BJ, et al. Beneficial Effects of a Flavonoid Fraction of Herba Epimedii on Bone Metabolism in Ovariectomized Rats. *Planta Med.* 2016 Mar;82(4):322-9.

Kim Eun-Sil, et al. Flavonol Glycosides with Antioxidant Activity from the Aerial Parts of Epimedium koreanum Nakai. *Natural Product Sciences*, 2008, 14(4):233-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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