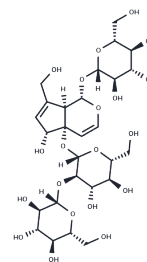


Rehmannioside D

Chemical Properties

CAS No. :	81720-08-3
Formula:	C ₂₇ H ₄₂ O ₂₀
Molecular Weight:	686.61
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	Rehmannioside D is a carotenoid glycoside that existed in the roots of Rehmannia glutinosa.
Targets(IC50)	Others,ROS

Solubility Information

Solubility	H ₂ O: 250 mg/mL (364.11 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	1.4564 mL	7.2822 mL	14.5643 mL
5 mM	0.2913 mL	1.4564 mL	2.9129 mL
10 mM	0.1456 mL	0.7282 mL	1.4564 mL
50 mM	0.0291 mL	0.1456 mL	0.2913 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

Zhang J, Peng J, Zhang T, et al. Identification of the Main Chemical constituents and mechanism of Renshen Guben oral liquid against Renal Fibrosis. Chinese Medicine. 2023, 18(1): 1-14.

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