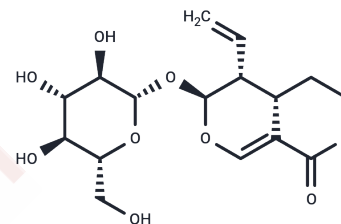


Sweroside

Chemical Properties

CAS No. :	14215-86-2
Formula:	C ₁₆ H ₂₂ O ₉
Molecular Weight:	358.34
Appearance:	no data available
Storage:	Pure form: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	1. Sweroside possesses strong hepatoprotective effect. 2. Sweroside is a promising osteoporosis therapeutic natural product, has anti-osteoporotic effect on the human MG-63 cells and rat osteoblasts.
Targets(IC50)	Others

Solubility Information

Solubility	Pyridine, Methanol, etc.: Soluble, DMSO: 60 mg/mL (167.44 mM), Sonication is recommended. Ethanol: Soluble, H ₂ O: 25 mg/mL (69.77 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	2.7906 mL	13.9532 mL	27.9065 mL
5 mM	0.5581 mL	2.7906 mL	5.5813 mL
10 mM	0.2791 mL	1.3953 mL	2.7906 mL
50 mM	0.0558 mL	0.2791 mL	0.5581 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

Ozturk N , Korkmaz S , Ozturk Y , et al. EFFECTS OF GENTIOPIROSIDE, SWEROSIDE AND SWERTIAMARINE, SECOIRIDOIDS FROM GENTIAN (GENTIANA LUTEA SSP. SYMPHYANDRA), ON CULTURED CHICKEN EMBRYONIC FIBROBLASTS[J]. Planta Medica, 2006, 72(04):289-294.

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