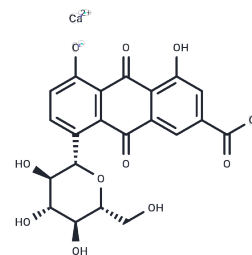


Rhein-8-glucoside calcium

Chemical Properties

CAS No. :	113443-70-2
Formula:	C ₂₁ H ₁₆ CaO ₁₁
Molecular Weight:	484.43
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	Rhein-8-O-beta-D-glucopyranoside(Rhein-8-glucoside calcium (Rhein-8-glucoside calcium salt) salt) shows moderate bioactivity against human Protein Tyrosine Phosphatase 1B (hPTP1B) in vitro.
Targets(IC50)	Antibacterial,Phosphatase

Solubility Information

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

	1mg	5mg	10mg
1 mM	2.0643 mL	10.3214 mL	20.6428 mL
5 mM	0.4129 mL	2.0643 mL	4.1286 mL
10 mM	0.2064 mL	1.0321 mL	2.0643 mL
50 mM	0.0413 mL	0.2064 mL	0.4129 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

Li S, et al. PTP1B inhibitors from Saussurea lappa. J Asian Nat Prod Res. 2006 Apr-May;8(3):281-6.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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