

Sylvestroside I

Chemical Properties

CAS No. : 71431-22-6

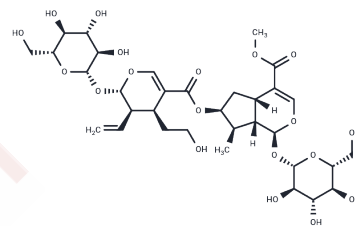
Formula: C₃₃H₄₈O₁₉

Molecular Weight: 748.72

Storage: Keep away from direct sunlight, Keep away from moisture

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	Sylvestroside I exhibits antibacterial activity and inhibits Staphylococcus epidermidis, Pseudomonas aeruginosa ATCC, Escherichia coli, and Enterococcus faecalis ATCC 1054.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3356 mL	6.6781 mL	13.3561 mL
5 mM	0.2671 mL	1.3356 mL	2.6712 mL
10 mM	0.1336 mL	0.6678 mL	1.3356 mL
50 mM	0.0267 mL	0.1336 mL	0.2671 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

Capasso, A., et al. Phytochemical and pharmacological studies on medicinal herb *Acicarpha tribuloides*. International Journal of Pharmacognosy, 1996; 34(4), 255-261.

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