

Sangganol A

Chemical Properties

CAS No. : 174423-30-4

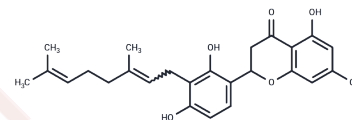
Formula: C₂₅H₂₈O₆

Molecular Weight: 424.49

Storage: Store at low temperature, Keep away from direct sunlight

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	Sangganol A inhibits influenza A viral and pneumococcal neuraminidase, hence functioning as a dual-acting anti-infective agent.
Targets(IC50)	Antibacterial, Antifection, Influenza Virus
In vitro	Sangganol A shows neuroprotective activity on glutamate-induced cell death in HT22 cells with EC50 values of 34.03 ± 7.71 μM. Sanggenol A has hepatoprotective activity on t-BHP-induced oxidative stress in HepG2 cells[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3558 mL	11.7788 mL	23.5577 mL
5 mM	0.4712 mL	2.3558 mL	4.7115 mL
10 mM	0.2356 mL	1.1779 mL	2.3558 mL
50 mM	0.0471 mL	0.2356 mL	0.4712 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

Jung JW, et al. Isoprenylated flavonoids from the root bark of Morus alba and their hepatoprotective and neuroprotective activities. Arch Pharm Res. 2015 Nov;38(11):2066-75.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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