

Bacopaside V

Chemical Properties

CAS No. :	620592-16-7
Formula:	C ₄₁ H ₆₆ O ₁₃
Molecular Weight:	766.96
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	Bacopaside V is a bioactive triterpenoid glycoside of Bacopa monnieri, a herb having confirmed nervine tonic activity. Bacopaside V is studied in phytochemical and neurobiological research contexts focusing on triterpenoid glycoside diversity and central nervous system-associated signaling models. Bacopaside V is also applied in experimental systems investigating saponin-derived metabolite behavior and neuroactive compound profiling in plant-derived bioactive compound research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3038 mL	6.5192 mL	13.0385 mL
5 mM	0.2608 mL	1.3038 mL	2.6077 mL
10 mM	0.1304 mL	0.6519 mL	1.3038 mL
50 mM	0.0261 mL	0.1304 mL	0.2608 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

Chakravarty AK, et al. Bacopasides III-V: three new triterpenoid glycosides from Bacopa monniera. Chem Pharm Bull (Tokyo). 2003 Feb;51(2):215-7.

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