

17alpha-Hydroxywithanolide D

Chemical Properties

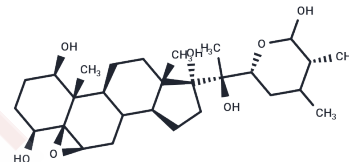
CAS No. :

Formula: C28H46O7

Molecular Weight: 494.661

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	17alpha-Hydroxywithanolide D is an allosteric modulator of the NMDA receptor, with an IC50 of 44.24 nM. This compound exhibits neuroprotective properties and can be utilized in Alzheimer's disease research.
Targets(IC50)	iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0216 mL	10.108 mL	20.2159 mL
5 mM	0.4043 mL	2.0216 mL	4.0432 mL
10 mM	0.2022 mL	1.0108 mL	2.0216 mL
50 mM	0.0404 mL	0.2022 mL	0.4043 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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