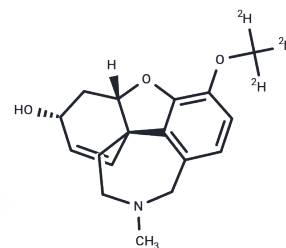


Galanthamine-O-methyl-D3

Chemical Properties

CAS No. : 1279031-09-2
 Formula: C17H18D3NO3
 Molecular Weight: 290.37
 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	Galanthamine-O-methyl-D3 is a deuterated compound of Galanthamine-O-methyl. Galanthamine-O-methyl has a CAS number of 357-70-0. Galanthamine is an acetylcholinesterase (AChE) inhibitor (IC50 : 500 nM), can reduce brain damage induced by hypoxia-ischemia.
Targets(IC50)	Apoptosis, Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4439 mL	17.2194 mL	34.4388 mL
5 mM	0.6888 mL	3.4439 mL	6.8878 mL
10 mM	0.3444 mL	1.7219 mL	3.4439 mL
50 mM	0.0689 mL	0.3444 mL	0.6888 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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