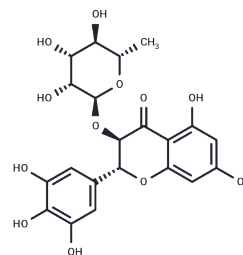


AChE/BChE-IN-11

Chemical Properties

CAS No. :	80443-12-5
Formula:	C ₂₁ H ₂₂ O ₁₂
Molecular Weight:	466.39
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	AChE/BChE-IN-11 (compound 1), a natural product derived from artichoke leaves, is a dual inhibitor of acetylcholinesterase (AChE) and butyrylcholinesterase (BChE) with IC ₅₀ values of 70 μM and 71 μM, respectively. This compound is used in Alzheimer's disease (AD) research [1].
Targets(IC ₅₀)	Others,Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1441 mL	10.7206 mL	21.4413 mL
5 mM	0.4288 mL	2.1441 mL	4.2883 mL
10 mM	0.2144 mL	1.0721 mL	2.1441 mL
50 mM	0.0429 mL	0.2144 mL	0.4288 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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