

Chikusetsusaponin Ib

Chemical Properties

CAS No. : 59252-87-8

Formula: C₄₇H₇₄O₁₈

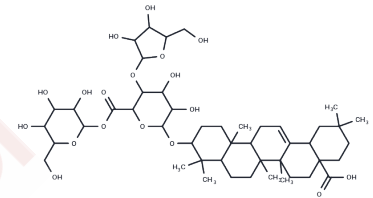
Molecular Weight: 927.08

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	Chikusetsusaponin Ib (Chikusetsu saponin Ib) is an inhibitor of AChE and can be used in studies about anti-Alzheimer's diseases.
Targets(IC50)	Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0787 mL	5.3933 mL	10.7866 mL
5 mM	0.2157 mL	1.0787 mL	2.1573 mL
10 mM	0.1079 mL	0.5393 mL	1.0787 mL
50 mM	0.0216 mL	0.1079 mL	0.2157 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

Yu S S , Yu D Q , Liang X T . Triterpenoid saponins from the roots of *Aralia spinifolia*. [J]. Journal of Natural Products, 1994, 57(7):978.

Li S, Liu C, Liu C, Zhang Y. Extraction and in vitro screening of potential acetylcholinesterase inhibitors from the leaves of *Panax japonicus*. J Chromatogr B Analyt Technol Biomed Life Sci. 2017;1061-1062:139-145.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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