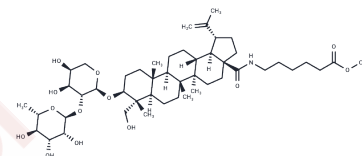


Anemoside A3-methyl 6-aminohexanoate

Chemical Properties

CAS No. :	2919975-48-5
Formula:	C48H79NO13
Molecular Weight:	878.14
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	Anemoside A3-methyl 6-aminohexanoate (Compound A3-6), a derivative of Pulchrenoside C (Anemoside B4), exhibits potent inhibition of pyruvate carboxylase (PC) with an IC ₅₀ of 0.058 μM. It also reprograms macrophage function and alleviates DSS-induced colitis by inhibiting the NF-κB and NLRP3 inflammasome pathways. Compared to Anemoside B4, Anemoside A3-methyl 6-aminohexanoate demonstrates moderate in vivo pharmacokinetic properties.
Targets(IC50)	NF-κB

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1388 mL	5.6939 mL	11.3877 mL
5 mM	0.2278 mL	1.1388 mL	2.2775 mL
10 mM	0.1139 mL	0.5694 mL	1.1388 mL
50 mM	0.0228 mL	0.1139 mL	0.2278 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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