

Andrographolide-lipoic acid

Chemical Properties

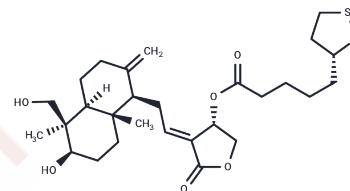
CAS No. : 1167601-06-0

Formula: C₂₈H₄₂O₆S₂

Molecular Weight: 538.759

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	Andrographolide-lipoic acid is an analogue of Andrographolide, synthesized through the conjugation of Andrographolide and Lipoic acid. It inhibits NF-κB and exhibits anti-diabetic effects as well as protective effects on β-cells.
Targets(IC50)	NF-κB

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8561 mL	9.2806 mL	18.5611 mL
5 mM	0.3712 mL	1.8561 mL	3.7122 mL
10 mM	0.1856 mL	0.9281 mL	1.8561 mL
50 mM	0.0371 mL	0.1856 mL	0.3712 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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