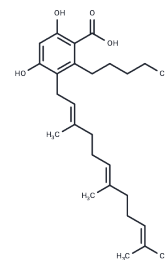


Anti-neuroinflammation agent 2

Chemical Properties

CAS No. :	3040102-76-6
Formula:	C ₂₇ H ₄₀ O ₄
Molecular Weight:	428.604
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	Anti-neuroinflammation agent 2 (compound 4) exhibits both anti-neuroinflammatory and antibacterial properties, with an IC ₅₀ value of 3.06 μM for TNF-α, an IC ₅₀ value of 4.31 μM for IL-6, and an EC ₅₀ value range of 0.87 to 3.16 μM for Gram-positive bacteria.
Targets(IC ₅₀)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3332 mL	11.6659 mL	23.3318 mL
5 mM	0.4666 mL	2.3332 mL	4.6664 mL
10 mM	0.2333 mL	1.1666 mL	2.3332 mL
50 mM	0.0467 mL	0.2333 mL	0.4666 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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