

Anti-inflammatory agent 65

Chemical Properties

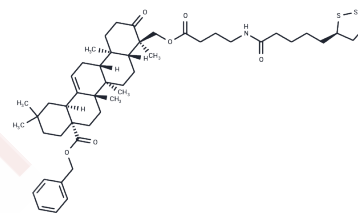
CAS No. : 3035442-58-8

Formula: C₄₉H₇₁N₆O₆S₂

Molecular Weight: 834.22

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-inflammatory agent 65 (compound 29), a Hederagonic acid derivative, exhibits potent activity by inhibiting nitric oxide (NO) release, nuclear translocation of IRF3 and p65, and disrupting the STING/IRF3/NF-κB signaling pathway, thus attenuating the inflammatory response [1].
Targets(IC50)	NO Synthase,STING

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1987 mL	5.9936 mL	11.9872 mL
5 mM	0.2397 mL	1.1987 mL	2.3974 mL
10 mM	0.1199 mL	0.5994 mL	1.1987 mL
50 mM	0.024 mL	0.1199 mL	0.2397 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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