

GA-O-02

Chemical Properties

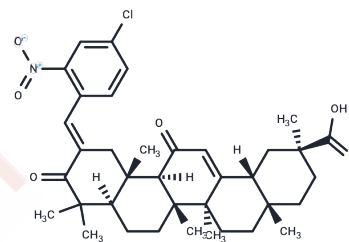
CAS No. :

Formula: C₃₇H₄₆ClNO₆

Molecular Weight: 636.22

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	GA-O-02, an 18β-Glycyrrhetic acid (GA) derivative, functions as a powerful antimicrobial and anti-inflammatory agent. This compound inhibits NO, pro-inflammatory cytokines, and chemokines to exert its anti-inflammatory effects. Additionally, GA-O-02 demonstrates significant antimicrobial activity against Gram-positive bacteria.
Targets(IC50)	Others, Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5718 mL	7.8589 mL	15.7178 mL
5 mM	0.3144 mL	1.5718 mL	3.1436 mL
10 mM	0.1572 mL	0.7859 mL	1.5718 mL
50 mM	0.0314 mL	0.1572 mL	0.3144 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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