

GA-O-06

Chemical Properties

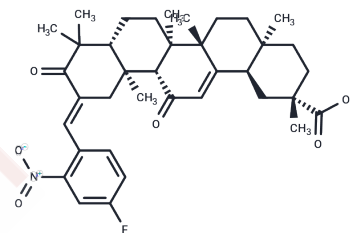
CAS No. :

Formula: C37H46FNO6

Molecular Weight: 619.76

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-06, an 18β-Glycyrrhetic acid derivative, serves as a potent antimicrobial and anti-inflammatory agent. It achieves its anti-inflammatory effects by inhibiting NO, pro-inflammatory cytokines, and chemokines, while demonstrating significant antimicrobial activity against Gram-positive bacteria. |
| Targets(IC50) | Others,Antibacterial |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.6135 mL | 8.0676 mL | 16.1353 mL |
| 5 mM | 0.3227 mL | 1.6135 mL | 3.2271 mL |
| 10 mM | 0.1614 mL | 0.8068 mL | 1.6135 mL |
| 50 mM | 0.0323 mL | 0.1614 mL | 0.3227 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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