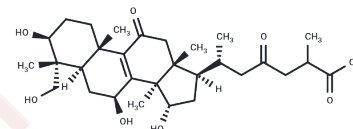


Trihydroxy-4-(hydroxymethyl)-dioxo-lanost-8-en-26-oic acid

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1961358-03-1 |
| Formula: | C ₃₀ H ₄₆ O ₈ |
| Molecular Weight: | 534.68 |
| 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 | 3β,7β,15α-Trihydroxy-4-(hydroxymethyl)-11,23-dioxo-lanost-8-en-26-oic acid is a triterpene compound found in Ganoderma lucidum, known for its inhibitory effect on nitric oxide (NO) production in lipopolysaccharide (LPS)-induced BV-2 microglial cells, with an IC ₅₀ of 4.15 μM. |
| Targets(IC ₅₀) | NO Synthase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.8703 mL | 9.3514 mL | 18.7028 mL |
| 5 mM | 0.3741 mL | 1.8703 mL | 3.7406 mL |
| 10 mM | 0.187 mL | 0.9351 mL | 1.8703 mL |
| 50 mM | 0.0374 mL | 0.187 mL | 0.3741 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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