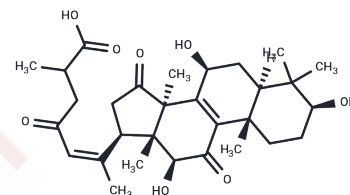


(3 β ,7 β ,12 β ,20Z)-3,7,12-Trihydroxy-11,15,23-trioxo-lanost-8,20-dien-26-oic acid

Chemical Properties

CAS No. : 1961358-02-0
 Formula: C₃₀H₄₂O₈
 Molecular Weight: 530.65
 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	(3 β ,7 β ,12 β ,20Z)-3,7,12-Trihydroxy-11,15,23-trioxo-lanost-8,20-dien-26-oic acid, a lanostane triterpenoid, demonstrates significant inhibitory effects on nitric oxide (NO) production in BV-2 microglia cells induced by n LPS, with an IC ₅₀ value of 9.55 μ M. Additionally, this compound possesses anti-inflammatory properties.
Targets(IC ₅₀)	Others,NO Synthase
In vitro	(3 β ,7 β ,12 β ,20Z)-3,7,12-Trihydroxy-11,15,23-trioxo-lanost-8,20-dien-26-oic acid exhibits negligible cytotoxicity on BV-2 microglial cells[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8845 mL	9.4224 mL	18.8448 mL
5 mM	0.3769 mL	1.8845 mL	3.769 mL
10 mM	0.1884 mL	0.9422 mL	1.8845 mL
50 mM	0.0377 mL	0.1884 mL	0.3769 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.

Reference

Yang Jiao, et al. Lanostane triterpenoids from *Ganoderma curtisii* and their NO production inhibitory activities of LPS-induced microglia. *Bioorg Med Chem Lett*. 2016 Aug 1;26(15):3556-61.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481