

Oleana-2,12-dien-28-oic acid

Chemical Properties

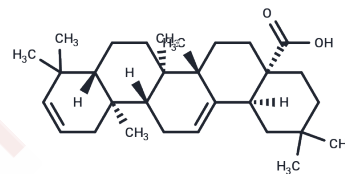
CAS No. : 272108-04-0

Formula: C₃₀H₄₆O₂

Molecular Weight: 438.69

Storage: Keep away from direct sunlight, Store under nitrogen
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	Oleana-2,12-dien-28-oic acid is an HBsAg and HBeAg inhibitor that significantly inhibits HBV deoxyribonucleic acid (HBV-DNA) replication in HepG2.2.15 cells, making it relevant for the study of hepatitis B virus infection.
Targets(IC50)	HBV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2795 mL	11.3976 mL	22.7951 mL
5 mM	0.4559 mL	2.2795 mL	4.559 mL
10 mM	0.228 mL	1.1398 mL	2.2795 mL
50 mM	0.0456 mL	0.228 mL	0.4559 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

Wu XM, et al. Medical application of A-ring double-bond oleanolic acid in preparation of medicines for preventing and treating viral hepatitis B. CN111759846A.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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