

Oleanolic acid 28-O- β -D-glucopyranoside

Chemical Properties

CAS No. : 14162-53-9

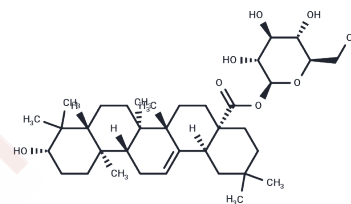
Formula: C₃₆H₅₈O₈

Molecular Weight: 618.84

Store at low temperature

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	Oleanolic acid 28-O- β -D-glucopyranoside (Beta-D-glucopyranosyl oleanolate) is a natural product derived from <i>Hedera nepalensis</i> .
Targets(IC50)	Others,Akt,NO Synthase,COX,Interleukin,p38 MAPK,PI3K,Tight Junction Protein

Solubility Information

Solubility	DMSO: 65 mg/mL (105.04 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6159 mL	8.0796 mL	16.1593 mL
5 mM	0.3232 mL	1.6159 mL	3.2319 mL
10 mM	0.1616 mL	0.808 mL	1.6159 mL
50 mM	0.0323 mL	0.1616 mL	0.3232 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

A. Marouf, et al. Triterpene Saponins from the Roots of *Achyranthes bidentata*.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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