

Olean-12-ene-3,11-dione

Chemical Properties

CAS No. :	2935-32-2
Formula:	C ₃₀ H ₄₆ O ₂
Molecular Weight:	438.69
Storage:	Keep away from direct sunlight, Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Olean-12-ene-3,11-dione is a natural product isolated from <i>Euonymus laxiflorus</i> and <i>Canarium zeylanicum</i> . Olean-12-ene-3,11-dione exhibits antiinflammatory activity and is therefore used in inflammation-related biochemical research systems to investigate triterpenoid-mediated modulation of inflammatory signaling pathways and mediator production in cellular models.
Targets(IC50)	Immunology/Inflammation related

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

Zhu D, Cai G, Xu Y, Lin X. Ganxiterpene A: a new triterpenoid with cytotoxic activity from *Salvia przewalskii* Maxim.: structural elucidation and bioinspired semisynthesis. *Nat Prod Res.* 2026 Jan 16;1-5. doi:10.1080/14786419.2026.2614400 PubMed PMID: 41544199.

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