

Compound Lup-20(29)-en-3-yl acetate

Chemical Properties

CAS No. :

Formula: C₃₂H₅₂O₂

Molecular Weight: 468.75

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	Compound Lup-20(29)-en-3-yl acetate, a derivative of Lupeol, inhibits the progression of rheumatoid arthritis by downregulating TNF- α , IL-1 β , MCP-1, COX-2, VEGF and granzyme B.
Targets(IC50)	COX,IL Receptor,TNF,VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1333 mL	10.6667 mL	21.3333 mL
5 mM	0.4267 mL	2.1333 mL	4.2667 mL
10 mM	0.2133 mL	1.0667 mL	2.1333 mL
50 mM	0.0427 mL	0.2133 mL	0.4267 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

Wang WH, et al. Lupeol acetate ameliorates collagen-induced arthritis and osteoclastogenesis of mice through improvement of microenvironment. Biomed Pharmacother. 2016;79:231-240.

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