

Lupeol palmitate

Chemical Properties

CAS No. : 32214-80-5

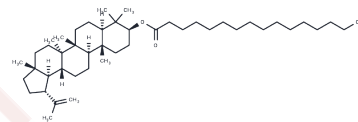
Formula: C₄₆H₈₀O₂

Molecular Weight: 665.13

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	Lupeol palmitate is a naturally occurring compound that can be extracted from <i>Ligularia songarica</i> and has antiulcer activity and gastrointestinal protection.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5035 mL	7.5173 mL	15.0347 mL
5 mM	0.3007 mL	1.5035 mL	3.0069 mL
10 mM	0.1503 mL	0.7517 mL	1.5035 mL
50 mM	0.0301 mL	0.1503 mL	0.3007 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

Somensi LB, et al. Gastroprotective properties of Lupeol-derived ester: Pre-clinical evidences of Lupeol-stearate as a potent antiulcer agent. *Chem Biol Interact.* 2020;321:108964.

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