

Chaparrinone

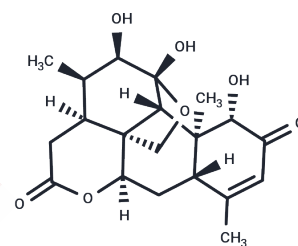
Chemical Properties

CAS No. : 22611-34-3

Formula: C₂₀H₂₆O₇

Molecular Weight: 378.42

Storage: Keep away from moisture, 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	Chaparrinone, a bitter-sweet analog from <i>Ailanthus altissima</i> (Mill.), has antimalarial, antitumor, and antiviral activities and has been used in the study of tobacco mosaic virus infections and SARS virus infections.
Targets(IC50)	Antiviral, Parasite, TMV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6426 mL	13.2128 mL	26.4257 mL
5 mM	0.5285 mL	2.6426 mL	5.2851 mL
10 mM	0.2643 mL	1.3213 mL	2.6426 mL
50 mM	0.0529 mL	0.2643 mL	0.5285 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

- Kanchanapoom T, et al. Quassinoids from *Eurycoma harmandiana*. *Phytochemistry*. 2001 Aug;57(8):1205-8.
 François G, et al. Antimalarial and cytotoxic potential of four quassinoids from *Hannoa chlorantha* and *Hannoa klaineana*, and their structure-activity relationships. *Int J Parasitol*. 1998 Apr;28(4):635-40.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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