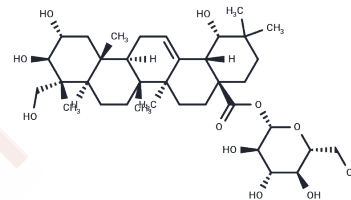


Arjunglucoside I

Chemical Properties

CAS No. :	62319-70-4
Formula:	C ₃₆ H ₅₈ O ₁₁
Molecular Weight:	666.84
Storage:	Keep away from direct sunlight 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	Arjunglucoside I is a natural product isolated from <i>Combretum racemosum</i> P. Beauv that inhibits <i>Plasmodium falciparum</i> .
Targets(IC50)	Parasite

Solubility Information

Solubility	DMSO: 40 mg/mL (59.98 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	1.4996 mL	7.4981 mL	14.9961 mL
5 mM	0.2999 mL	1.4996 mL	2.9992 mL
10 mM	0.150 mL	0.7498 mL	1.4996 mL
50 mM	0.030 mL	0.150 mL	0.2999 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

Heidi Silén, et al. Ethnopharmacology, Antimicrobial Potency, and Phytochemistry of African *Combretum* and *Pteleopsis* Species (Combretaceae): A Review. *Antibiotics* (Basel). 2023 Jan 28;12(2):264.

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