

Sarglaroids F

Chemical Properties

CAS No. :

Formula: C38H44O12

Molecular Weight: 692.75

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	Sarglaroids F (compound 6), an anti-inflammatory agent extracted from the roots of Grass Coral, suppresses LPS/ATP-induced IL-1 β secretion by modulating K ⁺ efflux and diminishing Caspase-1(P20) concentrations. Additionally, Sarglaroids F exhibits no cytotoxic effects on RAW264.7 cells [1].
Targets(IC50)	Caspase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4435 mL	7.2176 mL	14.4352 mL
5 mM	0.2887 mL	1.4435 mL	2.887 mL
10 mM	0.1444 mL	0.7218 mL	1.4435 mL
50 mM	0.0289 mL	0.1444 mL	0.2887 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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