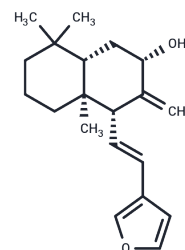


Coronarin A

Chemical Properties

CAS No. :	119188-33-9
Formula:	C ₂₀ H ₂₈ O ₂
Molecular Weight:	300.44
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	Coronarins A, B, C, and D are cytotoxic principles from the rhizomes of Hedychium coronarium, Zingiberaceae. Coronarin A exhibits good growth inhibition activities on HUVEC proliferation, it effectively suppresses the growth factor induced tube formation of HUVEC at the concentration of 10 microg/mL. Coronarin A has anti-inflammatory activity, it exhibits potent inhibition (IC ₅₀ < 6.1708g/mL) against fMLP-induced superoxide production and elastase release.
Targets(IC ₅₀)	mTOR, S6 Kinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3285 mL	16.6423 mL	33.2845 mL
5 mM	0.6657 mL	3.3285 mL	6.6569 mL
10 mM	0.3328 mL	1.6642 mL	3.3285 mL
50 mM	0.0666 mL	0.3328 mL	0.6657 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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