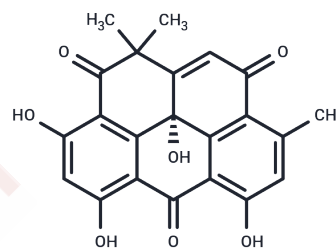


Resistoflavine

Chemical Properties

CAS No. :	29706-96-5
Formula:	C ₂₂ H ₁₆ O ₇
Molecular Weight:	392.36
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	Resistoflavine, a metabolite of the marine actinomycete <i>S. chibaensis</i> , inhibits growth and exhibits cytotoxicity against HMO2 and HepG2 cells, with mean lethal concentrations (LC50) of 0.013 and 0.016 µg/ml, respectively.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble DMF: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5487 mL	12.7434 mL	25.4868 mL
5 mM	0.5097 mL	2.5487 mL	5.0974 mL
10 mM	0.2549 mL	1.2743 mL	2.5487 mL
50 mM	0.051 mL	0.2549 mL	0.5097 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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