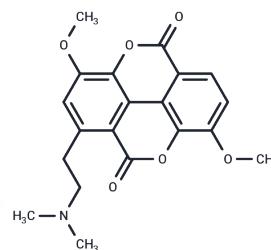


Taspine

Chemical Properties

CAS No. :	602-07-3
Formula:	C ₂₀ H ₁₉ NO ₆
Molecular Weight:	369.37
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	Taspine shows antitumor activity by modulating the EGFR signaling pathway of Erk1/2 and Akt in vitro and in vivo, it can inhibit growth and induce apoptosis of HUVEC in a dose-dependent manner, it has shown meaningful angiogenesis activity. Taspine exhibits a dose-related cicatrizant effect and an ED50 of 0.375 mg/kg.
Targets(IC50)	ERK,EGFR,Bcl-2 Family,MAPK,Akt,P2X Receptor,VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7073 mL	13.5366 mL	27.0731 mL
5 mM	0.5415 mL	2.7073 mL	5.4146 mL
10 mM	0.2707 mL	1.3537 mL	2.7073 mL
50 mM	0.0541 mL	0.2707 mL	0.5415 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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