

Taspine

Chemical Properties

CAS No.:	602-07-3
Formula:	C ₂₀ H ₁₉ NO ₆
Molecular Weight:	369.37
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

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(IC ₅₀)	Akt: None Bcl-2: None EGFR: None ERK: None MAPK: None VEGFR: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.707 mL	13.537 mL	27.073 mL
5 mM	0.541 mL	2.707 mL	5.415 mL
10 mM	0.271 mL	1.354 mL	2.707 mL
50 mM	0.054 mL	0.271 mL	0.541 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

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