Data Sheet (Cat.No.TN4356)

TargetMol

Jolkinolide A

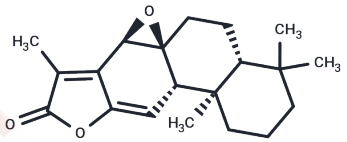
Chemical Properties

CAS No. : 37905-07-0

Formula: C20H26O3

Molecular Weight: 314.42

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	Jolkinolide A has anti-tumor activity. It inhibited VEGF expression in A549 cells through the inhibition of the Akt-STAT3-mTOR signaling pathway, and directly inhibited the proliferation and migration of HUVECs.
Targets(IC50)	Apoptosis,Akt,STAT,mTOR,VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1805 mL	15.9023 mL	31.8046 mL
5 mM	0.6361 mL	3.1805 mL	6.3609 mL
10 mM	0.318 mL	1.5902 mL	3.1805 mL
50 mM	0.0636 mL	0.318 mL	0.6361 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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