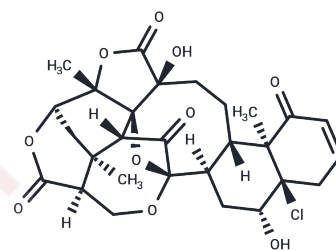


Physalin H

Chemical Properties

CAS No. :	70241-09-7
Formula:	C ₂₈ H ₃₁ ClO ₁₀
Molecular Weight:	562.99
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	Physalin H is an Hh signaling inhibitor blocks GLI1-DNA-complex formation, it also strong quinone reductase induction activity with IR (Induction ratio, QR induction activity) value of 3.74±0.02. Physalin H shows immunosuppressive effects on T cells both in vitro and in vivo, and the immunosuppressive activity might be attributed to the suppression of T cell activation and proliferation, the modulation of Th1/Th2 cytokine balance and the induction of HO-1 in T cells. Physalin H shows significant in vitro leishmanicidal activities (0.92-19.4 microg/ml) against promastigotes of Leishmania major. Physalin H shows cytotoxic activity against a panel of human and murine cancer cell lines.
Targets(IC50)	Hedgehog/Smoothened,Endogenous Metabolite,Antifection,Autophagy,gp120/CD4

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7762 mL	8.8812 mL	17.7623 mL
5 mM	0.3552 mL	1.7762 mL	3.5525 mL
10 mM	0.1776 mL	0.8881 mL	1.7762 mL
50 mM	0.0355 mL	0.1776 mL	0.3552 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

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

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