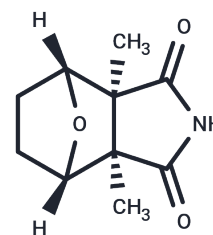


Cantharidin imide

Chemical Properties

CAS No. : 76970-77-9
 Formula: C₁₀H₁₃NO₃
 Molecular Weight: 195.22
 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	Cantharidin imide is a PP1/2A inhibitor found in Canarthis vesicatoria. It inhibits proliferation of colorectal cancer cells, increases MCP-1, IL-6, and IL-β levels, and inhibits differentiation and resorptive activity of osteoclasts. This compound can produce severe skin inflammation, and is extremely toxic if ingested orally.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1224 mL	25.6121 mL	51.2243 mL
5 mM	1.0245 mL	5.1224 mL	10.2449 mL
10 mM	0.5122 mL	2.5612 mL	5.1224 mL
50 mM	0.1024 mL	0.5122 mL	1.0245 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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