

Ingenol mebutate

Chemical Properties

CAS No.:	75567-37-2
Formula:	C ₂₅ H ₃₄ O ₆
Molecular Weight:	430.53
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Ingenol mebutate shows anticancer activity, and P-gp-mediated absorptive transport, dermal penetration, and vascular damage contribute to the anticancer activity of ingenol-3-angelate in vivo; it activates a broad range of PKC isoforms and induces apoptosis in acute myeloid leukemia cells by activating the PKC isoform PKCdelta.
Targets(IC ₅₀)	gp120/CD4: None HIV: None PKC: None

Solubility Information

Solubility	DMSO: 100 mg/mL (232.27 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.323 mL	11.614 mL	23.227 mL
5 mM	0.465 mL	2.323 mL	4.645 mL
10 mM	0.232 mL	1.161 mL	2.323 mL
50 mM	0.046 mL	0.232 mL	0.465 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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