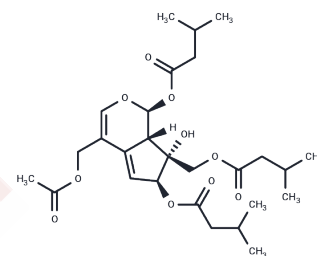


Valtrate Hydrine B4

Chemical Properties

CAS No. : 18296-48-5
 Formula: C₂₇H₄₀O₁₀
 Molecular Weight: 524.6
 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	Valtrate Hydrine B4 is a natural product demonstrating anti-leishmaniasis activity.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 0.7 mg/mL (slightly soluble), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9062 mL	9.5311 mL	19.0621 mL
5 mM	0.3812 mL	1.9062 mL	3.8124 mL
10 mM	0.1906 mL	0.9531 mL	1.9062 mL
50 mM	0.0381 mL	0.1906 mL	0.3812 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.

Reference

N. Fuzzati, et al. Isolation of Antifungal Valepotriates from Valeriana capense and the Search for Valepotriates in Crude Valerianaceae Extracts. Phytochemical Analysis (1996), 7(2), 76-85.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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