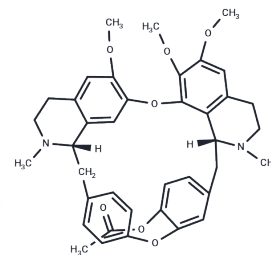


Berbamine acetate

Chemical Properties

CAS No. :	73885-53-7
Formula:	C ₃₉ H ₄₂ N ₂ O ₇
Molecular Weight:	650.76
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	Berbamine acetate (Compound 3a), a derivative of Berbamine, demonstrates antitumor properties and effectively inhibits the growth of Imatinib-resistant K562 leukemia cells, with an IC ₅₀ value of 6.6 μM .
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5367 mL	7.6833 mL	15.3666 mL
5 mM	0.3073 mL	1.5367 mL	3.0733 mL
10 mM	0.1537 mL	0.7683 mL	1.5367 mL
50 mM	0.0307 mL	0.1537 mL	0.3073 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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