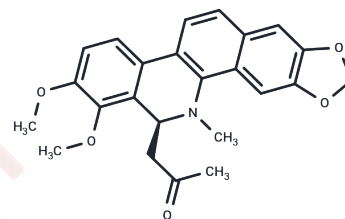


6-Acetyldihydrochelerythrine

Chemical Properties

CAS No. :	22864-92-2
Formula:	C ₂₄ H ₂₃ NO ₅
Molecular Weight:	405.44
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	6-Acetyldihydrochelerythrine exhibits significant antioxidant activities, it exhibits significant anti-HIV activity in H9 lymphocytes with EC ₅₀ and TI (Therapeutic Index) values of 1.77 microg/mL and 14.6, respectively. 6-Acetyldihydrochelerythrine is a potent inducer of apoptosis in HCT116 and SW620 cell lines, it displays potent cytotoxic activity in human HCT116 and SW620 colon carcinoma cells, to a higher extent than 5-fluorouracil (5-FU), the cornerstone chemotherapeutic agent in colon cancer.
Targets(IC50)	ERK,Bcl-2 Family,Akt,HIV Protease,p53,PPAR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4665 mL	12.3323 mL	24.6646 mL
5 mM	0.4933 mL	2.4665 mL	4.9329 mL
10 mM	0.2466 mL	1.2332 mL	2.4665 mL
50 mM	0.0493 mL	0.2466 mL	0.4933 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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