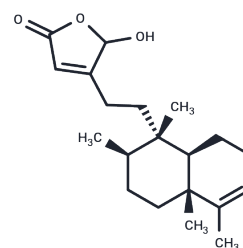


16-Hydroxycleroda-3,13-dien-15,16-olide

Chemical Properties

CAS No. :	141979-19-3
Formula:	C ₂₀ H ₃₀ O ₃
Molecular Weight:	318.45
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	16-Hydroxycleroda-3,13-dien-15,16-olide and prodigiosin are candidates for autophagy inducers that can trigger cell death as a supplement or alternative medicine for cancer therapy. 16-Hydroxycleroda-3,13-dien-15,16-olide regulates the expression of histone-modifying enzymes (PRC2 complex) and induces apoptosis in CML [K562] cells; it also exhibits anti-inflammatory activity, showing promising NO inhibitory activity at 10 ug/mL.
Targets(IC50)	Proteasome, Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1402 mL	15.7011 mL	31.4021 mL
5 mM	0.628 mL	3.1402 mL	6.2804 mL
10 mM	0.314 mL	1.5701 mL	3.1402 mL
50 mM	0.0628 mL	0.314 mL	0.628 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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