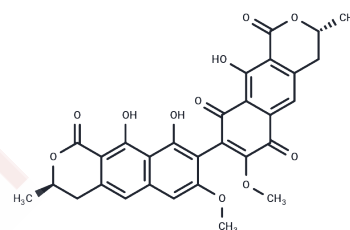


Viomellein

Chemical Properties

CAS No. :	55625-78-0
Formula:	C ₃₀ H ₂₄ O ₁₁
Molecular Weight:	560.5
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	Viomellein, a fungally-derived anticancer compound produced by <i>Aspergillus ochraceus</i> , can be isolated from the Mediterranean sponge <i>Agelas oroides</i> . It exhibits cytotoxicity against A2780 human ovarian cancer cells, with an IC ₅₀ value of 5.0 μM.
Targets(IC ₅₀)	E1/E2/E3 Enzyme, Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7841 mL	8.9206 mL	17.8412 mL
5 mM	0.3568 mL	1.7841 mL	3.5682 mL
10 mM	0.1784 mL	0.8921 mL	1.7841 mL
50 mM	0.0357 mL	0.1784 mL	0.3568 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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