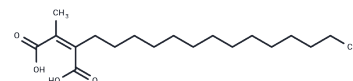


Chaetomellic acid A

Chemical Properties

CAS No. : 148796-51-4
Formula: C₁₉H₃₄O₄
Molecular Weight: 326.47
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Chaetomellic acid A is a potent inhibitor of farnesyltransferase in isolated enzyme assays (IC ₅₀ =55nM) but is inactive in whole cells. Inhibition of farnesyltransferase is selective over geranylgeranyltransferase I and II (IC ₅₀ =92μM and 34μM respectively).
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0631 mL	15.3153 mL	30.6307 mL
5 mM	0.6126 mL	3.0631 mL	6.1261 mL
10 mM	0.3063 mL	1.5315 mL	3.0631 mL
50 mM	0.0613 mL	0.3063 mL	0.6126 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.

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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