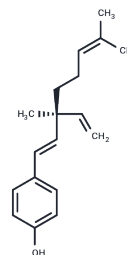


Bakuchiol

Chemical Properties

CAS No. :	10309-37-2
Formula:	C ₁₈ H ₂₄ O
Molecular Weight:	256.38
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Bakuchiol possesses anti-tumor, and anti-helmenthic properties. It has cytotoxic activity, mainly due to its DNA polymerase1 inhibiting activity. Bakuchiol has anti-bacterial activity against oral pathogens, has great potential for use in food additives and mouthwash for preventing and treating dental caries.
Targets(IC50)	Autophagy, Lipid, DNA/RNA Synthesis, p38 MAPK, UGT

Solubility Information

Solubility	DMSO: 65 mg/mL (253.53 mM), Sonication is recommended. Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9005 mL	19.5023 mL	39.0046 mL
5 mM	0.7801 mL	3.9005 mL	7.8009 mL
10 mM	0.390 mL	1.9502 mL	3.9005 mL
50 mM	0.078 mL	0.390 mL	0.7801 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.

Reference

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