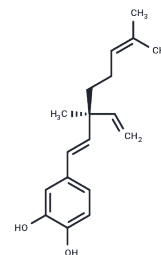


3-Hydroxybakuchiol

Chemical Properties

CAS No. :	178765-54-3
Formula:	C ₁₈ H ₂₄ O ₂
Molecular Weight:	272.38
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	3-Hydroxybakuchiol exerts cytotoxic and anti-proliferative effects on the TA3/Ha mouse mammary adenocarcinoma cell line and induces a decrease in the mitochondrial transmembrane potential, the activation of caspase-3, the opening of the mitochondrial permeability transport pore (MPTP) and nuclear DNA fragmentation. 3-Hydroxybakuchiol has antitumor activity resulting from interactions with the ETC, a system that is already deficient in cancer cells.
Targets(IC50)	Apoptosis,ATPase,Caspase,Glucosidase,glycosidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6713 mL	18.3567 mL	36.7134 mL
5 mM	0.7343 mL	3.6713 mL	7.3427 mL
10 mM	0.3671 mL	1.8357 mL	3.6713 mL
50 mM	0.0734 mL	0.3671 mL	0.7343 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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