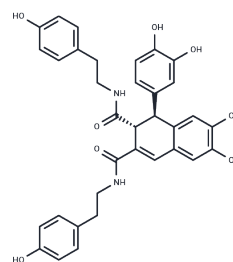


Cannabisin B

Chemical Properties

CAS No. :	144506-17-2
Formula:	C ₃₄ H ₃₂ N ₂ O ₈
Molecular Weight:	596.636
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	Cannabisin B possesses considerable antiproliferative activity and that it may be utilised as a promising chemopreventive agent against hepatoblastoma disease. It induces autophagic cell death by inhibiting the AKT/mTOR pathway and S phase cell cycle arrest in HepG2 cell.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6761 mL	8.3803 mL	16.7605 mL
5 mM	0.3352 mL	1.6761 mL	3.3521 mL
10 mM	0.1676 mL	0.838 mL	1.6761 mL
50 mM	0.0335 mL	0.1676 mL	0.3352 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

Cannabisin B induces autophagic cell death by inhibiting the AKT/mTOR pathway and S phase cell cycle arrest in HepG2 cells. Food Chemistry, 2013,138(2-3):1034-41.

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