

Avicin D

Chemical Properties

CAS No. :	197787-20-5
Formula:	C98H155NO46
Molecular Weight:	2083.28
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	Avicin D is a plant-derived triterpenoid compound. It induces autophagy (Autophagy) through AMPK activation and inhibits the activities of mTOR and S6 kinase. Avicin D selectively triggers apoptosis (Apoptosis) and downregulates the expression of p-STAT-3, bcl-2, and Survivin. It possesses selective glucocorticoid receptor (Glucocorticoid receptor) modulation properties and inhibits the activation of NF-κB. Additionally, Avicin D exhibits antitumor effects against cutaneous T-cell lymphoma.
Targets(IC50)	Apoptosis,Glucocorticoid Receptor,Bcl-2 Family,NF-κB,AMPK,STAT,Autophagy,mTOR, Survivin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.480 mL	2.4001 mL	4.8001 mL
5 mM	0.096 mL	0.480 mL	0.960 mL
10 mM	0.048 mL	0.240 mL	0.480 mL
50 mM	0.0096 mL	0.048 mL	0.096 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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