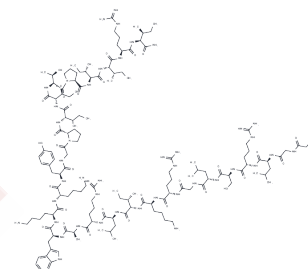


BMAP-28

Chemical Properties

CAS No. :	184870-31-3
Formula:	C145H250N44O29
Molecular Weight:	3073.81
Storage:	Keep away from moisture 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	BMAP-28, an antibiotic peptide, induces cell death by triggering the mitochondrial permeability transition pore and serves as a research tool in the study of microbial infections and cancer [1].
Targets(IC50)	Antibiotic
In vitro	BMAP-28 at a concentration of 3 μ M and an incubation time of 10 minutes attenuated calcein fluorescence in the mitochondria of U937 cells [1]. Additionally, BMAP-28 induced depolarization of the mitochondrial inner membrane in both single cells and isolated mitochondria [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3253 mL	1.6266 mL	3.2533 mL
5 mM	0.0651 mL	0.3253 mL	0.6507 mL
10 mM	0.0325 mL	0.1627 mL	0.3253 mL
50 mM	0.0065 mL	0.0325 mL	0.0651 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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