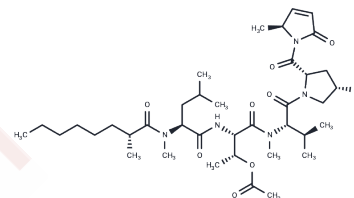


Microcolin H

Chemical Properties

CAS No. :	2408008-21-7
Formula:	C ₃₈ H ₆₃ N ₅ O ₉
Molecular Weight:	733.93
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	Microcolin H, a marine lipopeptide and phosphatidylinositol transfer protein ligand, targets PITP α/β . It enhances the conversion of LC3I to LC3II and decreases p62 levels in cancer cells, inducing autophagy cell death (Autophagy). Furthermore, Microcolin H effectively inhibits tumor growth and exhibits anti-proliferative activity in nude mouse subcutaneous tumor models [1].
Targets(IC50)	Autophagy,ATG,p62

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3625 mL	6.8126 mL	13.6253 mL
5 mM	0.2725 mL	1.3625 mL	2.7251 mL
10 mM	0.1363 mL	0.6813 mL	1.3625 mL
50 mM	0.0273 mL	0.1363 mL	0.2725 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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