

Metalnikowin I

Chemical Properties

CAS No. :	172430-37-4
Formula:	C80H128N26O22S
Molecular Weight:	1838.12
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	Metalnikowin I (MetI) is a proline-rich antimicrobial peptide and DnaK inhibitor. It can be extracted from insects.
Targets(IC50)	HSP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.544 mL	2.7202 mL	5.4403 mL
5 mM	0.1088 mL	0.544 mL	1.0881 mL
10 mM	0.0544 mL	0.272 mL	0.544 mL
50 mM	0.0109 mL	0.0544 mL	0.1088 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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