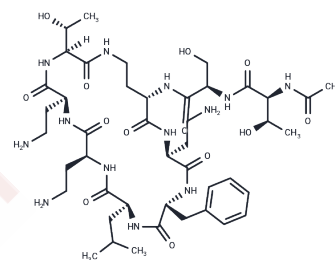


SPR741

Chemical Properties

CAS No. : 1179330-52-9
 Formula: C44H73N13O13
 Molecular Weight: 992.13
 Storage: Keep away from moisture
 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	SPR741, formerly NAB741 (12), is a cationic peptide derived from polymyxin B and is one such potentiator molecule that is under development for the treatment of serious Gram-negative bacterial infections.
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0079 mL	5.0397 mL	10.0793 mL
5 mM	0.2016 mL	1.0079 mL	2.0159 mL
10 mM	0.1008 mL	0.504 mL	1.0079 mL
50 mM	0.0202 mL	0.1008 mL	0.2016 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

Corbett D, et al. Potentiation of Antibiotic Activity by a Novel Cationic Peptide: Potency and Spectrum of Activity of SPR741. Antimicrob Agents Chemother. 2017 Jul 25;61(8). pii: e00200-17.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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