

SPR741 TFA (1179330-52-9 free base)

Chemical Properties

CAS No. :

Formula: C46H74F3N13O15

Molecular Weight: 1106.15

Keep away from moisture

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	SPR741 TFA (NAB741 TFA) is a cationic peptide derived from polymyxin B and is a potentiator molecule.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.904 mL	4.5202 mL	9.0404 mL
5 mM	0.1808 mL	0.904 mL	1.8081 mL
10 mM	0.0904 mL	0.452 mL	0.904 mL
50 mM	0.0181 mL	0.0904 mL	0.1808 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.

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