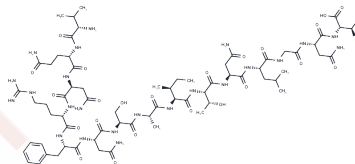


FliC, Serotype a (427-441), S.paratyphi A

Chemical Properties

CAS No. :	857678-38-7
Formula:	C ₆₉ H ₁₁₃ N ₂₃ O ₂₄
Molecular Weight:	1648.78
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	This is amino acids 427 to 441 fragment belongs to the FliC, serotype a of the S. FliC epitope recognized by a CD4+ T cell from naturally infected C57BL/6 mice is located in a region common to a number of distinct Salmonella serovars such as the S. paratyphi. This dominant epitope is contained within the constant C-terminus of FliC.
Targets(IC50)	Antibacterial

Solubility Information

Solubility	H ₂ O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6065 mL	3.0325 mL	6.0651 mL
5 mM	0.1213 mL	0.6065 mL	1.213 mL
10 mM	0.0607 mL	0.3033 mL	0.6065 mL
50 mM	0.0121 mL	0.0607 mL	0.1213 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

Ertelt JM, et al. Selective culling of high avidity antigen-specific CD4+ T cells after virulent Salmonella infection. Immunology. 2011 Dec;134(4):487-97.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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