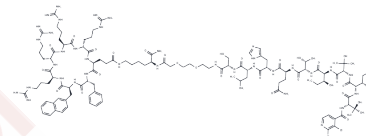


CNI103

Chemical Properties

CAS No. :	2366279-86-7
Formula:	C116H180Cl2N36O26
Molecular Weight:	2565.8
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	CNI103 is a potent and metabolically stable inhibitor of the cell-permeable peptide, calcineurin. It selectively inhibits the interaction between calcineurin and NFATc3 (KD=16 nM), thereby preventing the activation of NFATc3 both in vitro and in vivo. CNI103 is applicable for research in acute respiratory distress syndrome (ARDS) and other inflammatory diseases.
Targets(IC50)	Phosphatase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3897 mL	1.9487 mL	3.8974 mL
5 mM	0.0779 mL	0.3897 mL	0.7795 mL
10 mM	0.039 mL	0.1949 mL	0.3897 mL
50 mM	0.0078 mL	0.039 mL	0.0779 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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