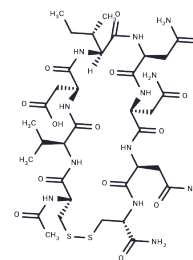


SPSB2-iNOS inhibitory cyclic peptide-1

Chemical Properties

CAS No. :	1621616-13-4
Formula:	C35H56N12O14S2
Molecular Weight:	933.02
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	SPSB2-iNOS inhibitory cyclic peptide-1, an inhibitor for the interaction between the SPRY domain and SOCS-box protein 2 (SPSB2) and iNOS, binds SPSB2 at the iNOS site with a K _D of 4.4 nM. It is resistant to proteases pepsin, trypsin, and α-chymotrypsin and remains stable in human plasma and oxidative environments [1].
Targets(IC50)	NO Synthase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0718 mL	5.3589 mL	10.7179 mL
5 mM	0.2144 mL	1.0718 mL	2.1436 mL
10 mM	0.1072 mL	0.5359 mL	1.0718 mL
50 mM	0.0214 mL	0.1072 mL	0.2144 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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