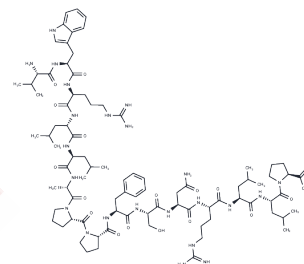


## Ganglioside GM1-binding peptides p3

## Chemical Properties

CAS No. :	247185-97-3
Formula:	C86H135N23O18
Molecular Weight:	1779.14
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	Ganglioside GM1-binding peptide sp3 is a synthetically engineered peptide that specifically binds to the pentasaccharide region of GM1 ganglioside. The dynamic transitions of Ganglioside GM1-binding peptide sp3 may play a crucial role in the functions of GM1 as a receptor for various ligands, such as in the conventional pathway of cholera toxin infection. This peptide is useful for studies on the interactions between GM1 and its ligands.
Targets(IC50)	Trk receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5621 mL	2.8103 mL	5.6207 mL
5 mM	0.1124 mL	0.5621 mL	1.1241 mL
10 mM	0.0562 mL	0.281 mL	0.5621 mL
50 mM	0.0112 mL	0.0562 mL	0.1124 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.

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