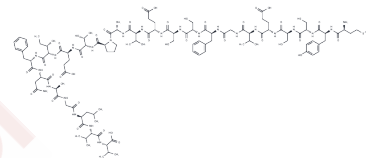


SHLP-5

Chemical Properties

CAS No. : 1191923-95-1
Formula: C114H173N25O36S3
Molecular Weight: 2565.93
Storage: Keep away from moisture
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	SHLP-5, a mitochondrial-derived peptide, is encoded by the MT-RNR2 gene which produces a bioactive microprotein. This compound is utilized in researching diabetes, Alzheimers disease, cardiovascular diseases, and prostate cancer.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3897 mL	1.9486 mL	3.8972 mL
5 mM	0.0779 mL	0.3897 mL	0.7794 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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