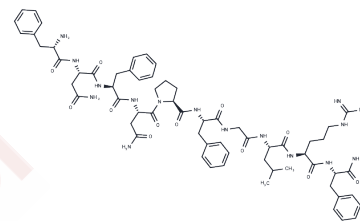


Kiss2 peptide

Chemical Properties

CAS No. :	1111070-93-9
Formula:	C63H84N16O12
Molecular Weight:	1257.44
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	Kiss2 peptide functions as a positive regulator of reproductive behavior. In COS-7 cells, it binds to its homologous G-protein coupled receptor Kiss2R (GPR54), activating the PKA and PKC signaling pathways through Gas and Gαq proteins. This enhances the activity of cAMP response element-dependent luciferase (CRE-luc) and serum response element-dependent luciferase (SRE-luc).
Targets(IC50)	Kisspeptin,PKA,PKC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7953 mL	3.9763 mL	7.9527 mL
5 mM	0.1591 mL	0.7953 mL	1.5905 mL
10 mM	0.0795 mL	0.3976 mL	0.7953 mL
50 mM	0.0159 mL	0.0795 mL	0.1591 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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