

NH₂-c[X-R-L-S-X]-K-G-P-(D-1NaI)

Chemical Properties

CAS No. : 2891469-80-8
 Formula: C₄₉H₇₃N₁₃O₁₁
 Molecular Weight: 1020.18
 Storage: 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	Compound 39 (NH ₂ -c[X-R-L-S-X]-K-G-P-(D-1NaI)) is a potent agonist of the APJ receptor, possessing a K _i value of 0.6 nM. It is capable of activating Gai1, with an EC ₅₀ of 0.8 nM, and of recruiting β-arrestin2, with an EC ₅₀ of 31 nM. Furthermore, this compound demonstrates extended effects on cardiac function [1].
Targets(IC ₅₀)	Apelin receptor,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9802 mL	4.9011 mL	9.8022 mL
5 mM	0.196 mL	0.9802 mL	1.9604 mL
10 mM	0.098 mL	0.4901 mL	0.9802 mL
50 mM	0.0196 mL	0.098 mL	0.196 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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