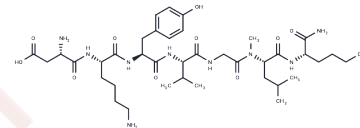


[Lys5,Tyr6,mLeu9,Nle10]-Neurokinin A (4-10)

Chemical Properties

CAS No. :	2770688-04-3
Formula:	C39H65N9O10
Molecular Weight:	819.99
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	[Lys5,Tyr6,mLeu9,Nle10]-Neurokinin A (4-10) (ID 305) is a selective NK2R agonist with an EC50 of 3.7 nM for hNK2R. This compound significantly reduces weight loss in diet-induced obesity (DIO) mouse models and improves Loperamide-induced urinary dysfunction in wild-type mice. It is applicable in the study of neurokinin receptor-mediated diseases such as obesity, insulin resistance, and type 2 diabetes.
Targets(IC50)	Neurokinin receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2195 mL	6.0976 mL	12.1953 mL
5 mM	0.2439 mL	1.2195 mL	2.4391 mL
10 mM	0.122 mL	0.6098 mL	1.2195 mL
50 mM	0.0244 mL	0.122 mL	0.2439 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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