

CPN-219

## Chemical Properties

CAS No. : 2240202-02-0

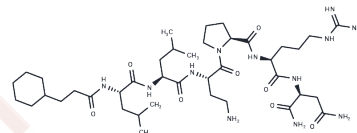
Formula: C40H72N12O8

Molecular Weight: 849.08

Keep away from moisture

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	CPN-219 is a next-generation hexapeptidic NMUR2 agonist that selectively and dose-dependently activates NMUR2, exhibiting an EC50 value of 2.2 nM [1].
Targets(IC50)	NMUR
In vivo	In an animal model using ddY mice [1], a compound was administered to the nasal cavity at dosages of 250, 100, and 25 µg/mouse, resulting in a dose-dependent suppression of body weight gain.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1777 mL	5.8887 mL	11.7775 mL
5 mM	0.2355 mL	1.1777 mL	2.3555 mL
10 mM	0.1178 mL	0.5889 mL	1.1777 mL
50 mM	0.0236 mL	0.1178 mL	0.2355 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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