

## UFP-101 TFA

## Chemical Properties

CAS No. :

Formula: C84H139F3N32O23

Molecular Weight: 2022.19

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	UFP-101 TFA is a potent, selective, and competitive N/OFQ peptide (NOP) receptor antagonist with a pKi value of 10.24, showing over 3000-fold selectivity against $\delta$ , $\mu$ , and $\kappa$ opioid receptors, and exhibits antidepressant-like effects [1] [2].
Targets(IC50)	Opioid Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4945 mL	2.4726 mL	4.9451 mL
5 mM	0.0989 mL	0.4945 mL	0.989 mL
10 mM	0.0495 mL	0.2473 mL	0.4945 mL
50 mM	0.0099 mL	0.0495 mL	0.0989 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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