

## Nocistatin

## Chemical Properties

CAS No. : 207392-60-7

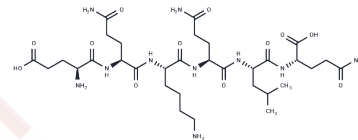
Formula: C32H56N10O12

Molecular Weight: 772.85

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	Nocistatin, an endogenous neuropeptide, serves as a ligand for the orphan opioid receptor-like receptor and functionally antagonizes the neuropeptide nociceptin/orphanin FQ (Noc/OFQ). It inhibits 5-HT release through a G i/o protein-mediated pathway and blocks nociceptin-induced allodynia and hyperalgesia [1] [2].
Targets(IC50)	Opioid Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2939 mL	6.4696 mL	12.9391 mL
5 mM	0.2588 mL	1.2939 mL	2.5878 mL
10 mM	0.1294 mL	0.647 mL	1.2939 mL
50 mM	0.0259 mL	0.1294 mL	0.2588 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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