

## Nictide

## Chemical Properties

CAS No. : 1159973-22-4

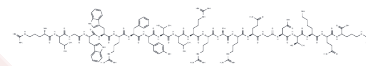
Formula: C123H193N45O28

Molecular Weight: 2750.13

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	Nictide, a peptide substrate for LRRK2 (leucine-rich repeat protein kinase-2), undergoes phosphorylation by the activated form of LRRK2[G2019S], exhibiting a Km value of 10 $\mu$ M.
Targets(IC50)	LRRK2

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3636 mL	1.8181 mL	3.6362 mL
5 mM	0.0727 mL	0.3636 mL	0.7272 mL
10 mM	0.0364 mL	0.1818 mL	0.3636 mL
50 mM	0.0073 mL	0.0364 mL	0.0727 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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