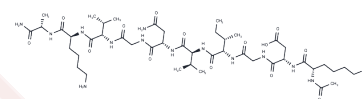


$\alpha$ -Synuclein 4554W

## Chemical Properties

CAS No. :	2243207-00-1
Formula:	C45H80N14O14
Molecular Weight:	1041.2
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	$\alpha$ -Synuclein 4554W, previously identified through intracellular library screening, is an inhibitor of $\alpha$ -Synuclein (aSyn) aggregation and its associated toxicity. This compound, comprising GIVNGVKA sequences, effectively reduces fibril formation in aSyn mutants associated with Parkinson's disease [1].
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9604 mL	4.8022 mL	9.6043 mL
5 mM	0.1921 mL	0.9604 mL	1.9209 mL
10 mM	0.096 mL	0.4802 mL	0.9604 mL
50 mM	0.0192 mL	0.096 mL	0.1921 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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