

ED11

Chemical Properties

CAS No. : 1593480-56-8

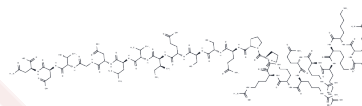
Formula: C116H205N47O37

Molecular Weight: 2850.16

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	ED11 is a potent and selective caspase-6 inhibitor with an IC50 of 12.12 nM. It competes with Htt for the caspase-6 active site, thereby reducing Htt cleavage. ED11 is capable of crossing the blood-brain barrier (BBB) and holds potential for researching Huntington's disease (HD).
Targets(IC50)	Caspase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3509 mL	1.7543 mL	3.5086 mL
5 mM	0.0702 mL	0.3509 mL	0.7017 mL
10 mM	0.0351 mL	0.1754 mL	0.3509 mL
50 mM	0.007 mL	0.0351 mL	0.0702 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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Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481