

TB-11

Chemical Properties

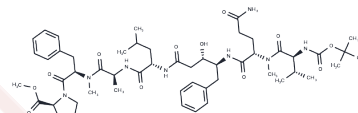
CAS No. : 1415033-93-0

Formula: C52H78N8O12

Molecular Weight: 1007.22

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	TB-11 is an inhibitor of Cathepsin D with IC50 values of 0.126 nM (Cathepsin D), 1.92 nM (Cathepsin E), and 48.8 nM (BACE1). It is primarily utilized in oncological research.
Targets(IC50)	Beta-Secretase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9928 mL	4.9642 mL	9.9283 mL
5 mM	0.1986 mL	0.9928 mL	1.9857 mL
10 mM	0.0993 mL	0.4964 mL	0.9928 mL
50 mM	0.0199 mL	0.0993 mL	0.1986 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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