

Myostatin inhibitory peptide 7

Chemical Properties

CAS No. : 1621169-56-9

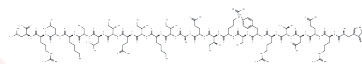
Formula: C130H222N42O32

Molecular Weight: 2885.42

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	Myostatin inhibitory peptide 7 is a peptide composed of 23 amino acids, originating from amino acids 21 to 43 of the pro-domain of mouse myostatin. It inhibits myostatin (muscle growth inhibitor) with a Kd value of 29.7 nM and is applicable in the research of muscle atrophy.
Targets(IC50)	TGF-beta/Smad

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3466 mL	1.7328 mL	3.4657 mL
5 mM	0.0693 mL	0.3466 mL	0.6931 mL
10 mM	0.0347 mL	0.1733 mL	0.3466 mL
50 mM	0.0069 mL	0.0347 mL	0.0693 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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