

## Osteostatin (human)

## Chemical Properties

CAS No. : 137348-10-8

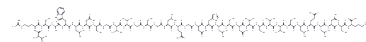
Formula: C142H228N42O58

Molecular Weight: 3451.58

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	Osteostatin (human), a fragment derived from parathyroid hormone-related protein (PTHrP) 107-139, effectively promotes bone repair in animal models with bone defects and inhibits bone erosion in cases of inflammatory arthritis [1].
Targets(IC50)	Thyroid hormone receptor(THR)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2897 mL	1.4486 mL	2.8972 mL
5 mM	0.0579 mL	0.2897 mL	0.5794 mL
10 mM	0.029 mL	0.1449 mL	0.2897 mL
50 mM	0.0058 mL	0.029 mL	0.0579 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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