

## pTH (1-37) (human)

## Chemical Properties

CAS No. :	136799-54-7
Formula:	C195H316N58O54S2
Molecular Weight:	4401.08
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	pTH (1-37) (human), a fragment of parathyroid hormone (PTH), promotes cAMP formation and enhances alkaline phosphatase activity. Additionally, it fosters growth, elevates bone calcium content, and augments bone mineral density (BMD) in uremic animals. This compound shows promise for osteoporosis research [1] [2] [3].
Targets(IC50)	Thyroid hormone receptor(THR)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2272 mL	1.1361 mL	2.2722 mL
5 mM	0.0454 mL	0.2272 mL	0.4544 mL
10 mM	0.0227 mL	0.1136 mL	0.2272 mL
50 mM	0.0045 mL	0.0227 mL	0.0454 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.

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