

Human PTH-(1-31)

Chemical Properties

CAS No. :	157938-23-3
Formula:	C162H269N49O47S2
Molecular Weight:	3719.3
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	Human PTH-(1-31), the 1-31 fragment of human parathyroid hormone, stimulates cAMP release and mildly activates 25-hydroxyvitamin D-1 α -hydroxylase. Unlike its full-length counterpart, it promotes bone formation without triggering bone resorption, making it a promising candidate for osteoporosis research [1] [2].
Targets(IC50)	Thyroid hormone receptor(THR)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2689 mL	1.3443 mL	2.6887 mL
5 mM	0.0538 mL	0.2689 mL	0.5377 mL
10 mM	0.0269 mL	0.1344 mL	0.2689 mL
50 mM	0.0054 mL	0.0269 mL	0.0538 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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