

Parathyroid hormone (1-34) (rat)

Chemical Properties

CAS No. : 98614-76-7

Formula: C180H291N55O48S2

Molecular Weight: 4057.74

AVSEIQLMHNLGKHLASVERMQWLRKKLQDVHNF

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	Parathyroid hormone (PTH) receptor agonist. Increases serum PTH levels and bone mass in rats.
Targets(IC50)	Thyroid hormone receptor(THR)

Solubility Information

Solubility	H2O: 1 mg/mL (0.25 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2464 mL	1.2322 mL	2.4644 mL
5 mM	0.0493 mL	0.2464 mL	0.4929 mL
10 mM	0.0246 mL	0.1232 mL	0.2464 mL
50 mM	0.0049 mL	0.0246 mL	0.0493 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.

Reference

Lymperi et al (2017) Inhibition of osteoclast function reduces hematopoietic stem cell numbers in vivo. Blood. 117 1540 PMID:

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