

Canvuparatide

Chemical Properties

CAS No. :	2925554-87-4
Formula:	C263H441N65O81S2
Molecular Weight:	5873.83
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	Canvuparatide (MBX 2109) is a prodrug of a parathyroid hormone (PTH) peptide that releases a bioactive PTH[1-32] agonist peptide. This peptide retains a C-terminal fatty acylated lysine (Lys33), which extends the half-life of Canvuparatide. It is utilized in the study of hypoparathyroidism symptoms such as hypocalcemia and hyperphosphatemia.
Targets(IC50)	Thyroid hormone receptor(THR)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1702 mL	0.8512 mL	1.7025 mL
5 mM	0.034 mL	0.1702 mL	0.3405 mL
10 mM	0.017 mL	0.0851 mL	0.1702 mL
50 mM	0.0034 mL	0.017 mL	0.034 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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