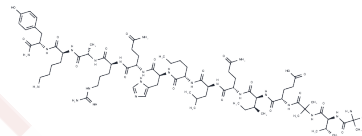


DPC-AJ1951

## Chemical Properties

CAS No. :	943519-33-3
Formula:	C76H127N23O19
Molecular Weight:	1666.98
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	Potent 14 amino acid peptide agonist of the parathyroid hormone (PTH) receptor (EC50 = 26 nM).
Targets(IC50)	Thyroid hormone receptor(THR)

## Solubility Information

Solubility	H2O: 1 mg/mL (0.6 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	0.5999 mL	2.9994 mL	5.9989 mL
5 mM	0.120 mL	0.5999 mL	1.1998 mL
10 mM	0.060 mL	0.2999 mL	0.5999 mL
50 mM	0.012 mL	0.060 mL	0.120 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

Carter et al (2007) Discovery of a small molecule antagonist of the parathyroid hormone receptor by using an N-terminal parathyroid hormone peptide probe. Proc.Natl.Acad.Sci.U.S.A. 104 6846 PMID:

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