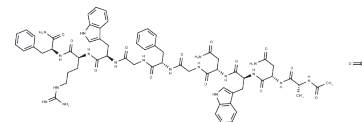


Kisspeptin 234 acetate(1145998-81-7 free base)

Chemical Properties

CAS No. :	TP1896L1
Formula:	C65H82N18O15
Molecular Weight:	1355.46
Appearance:	no data available
Storage:	keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Kisspeptin 234 acetate(1145998-81-7 free base) is a Kisspeptin receptor (KISS1, GPR54) antagonist; a Kisspeptin-10 analogue. It inhibits the stimulation of inositol phosphate (IP) (IC ₅₀ = 7 nM) and the release of gonadotropin-releasing hormone (GnRH) by kisspeptin-10.
Targets(IC ₅₀)	GPR,Kisspeptin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7378 mL	3.6888 mL	7.3776 mL
5 mM	0.1476 mL	0.7378 mL	1.4755 mL
10 mM	0.0738 mL	0.3689 mL	0.7378 mL
50 mM	0.0148 mL	0.0738 mL	0.1476 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.

Reference

Roseweir et al (2009) Discovery of potent kisspeptin antagonists delineate physiological mechanisms of gonadotrophin regulation. J.Neurosci. 29 3920 PMID:

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