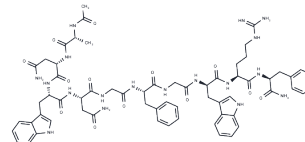


Kisspeptin 234 TFA

Chemical Properties

CAS No. :	1848962-29-7
Formula:	C63H78N18O13.xC2HF3O2
Molecular Weight:	1409.43
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	Kisspeptin 234 TFA is a 10-amino acid peptide analog of Kisspeptin 10 [1] that functions as an antagonist to the kisspeptin receptor (KISS1, GPR54).
Targets(IC50)	Others,Kisspeptin
In vivo	Kisspeptin 234 (1 mg/kg, ip, daily, 28 days) TFA significantly inhibits the antifibrotic effect of Kisspeptin-13 in a bleomycin (BLM)-induced pulmonary fibrosis model in C57BL/6 mice, as evidenced by reduced body weight, decreased survival rates, increased lung coefficients, and extensive infiltration [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7095 mL	3.5475 mL	7.0951 mL
5 mM	0.1419 mL	0.7095 mL	1.419 mL
10 mM	0.071 mL	0.3548 mL	0.7095 mL
50 mM	0.0142 mL	0.071 mL	0.1419 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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