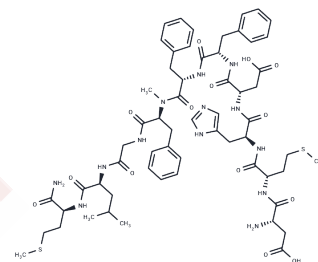


[MePhe7]-Neurokinin B

Chemical Properties

CAS No. :	110880-53-0
Formula:	C60H81N13O14S2
Molecular Weight:	1272.49
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	[MePhe7]-Neurokinin B is a neurokinin NK-3 receptor (NK3R) agonist, exhibiting a potent agonistic activity with an IC50 value of 3 nM. It acts as a potential regulator of pulsatile gonadotropin-releasing hormone (GnRH) secretion through the activation of NK3R [1].
Targets(IC50)	Neurokinin receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7859 mL	3.9293 mL	7.8586 mL
5 mM	0.1572 mL	0.7859 mL	1.5717 mL
10 mM	0.0786 mL	0.3929 mL	0.7859 mL
50 mM	0.0157 mL	0.0786 mL	0.1572 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

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