

Orexin B, rat, mouse

Chemical Properties

CAS No. : 202801-92-1

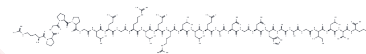
Formula: C126H215N45O34S

Molecular Weight: 2936.45

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Orexin B, rat, mouse is an endogenous agonist at Orexin receptor with Kis of 420 and 36 nM for OX1 and OX2, respectively.
Targets(IC50)	OX Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3405 mL	1.7027 mL	3.4055 mL
5 mM	0.0681 mL	0.3405 mL	0.6811 mL
10 mM	0.0341 mL	0.1703 mL	0.3405 mL
50 mM	0.0068 mL	0.0341 mL	0.0681 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

Smart D, et al. Orexins: a new family of neuropeptides. Br J Anaesth. 1999 Nov;83(5):695-7.

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