

Orexin B, human

Chemical Properties

CAS No. : 205640-91-1

Formula: C123H212N44O35S

Molecular Weight: 2899.34

RSGPPGLOGRLQRLQASGNHAAGILTM-NH₂

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	Orexin B, human is an endogenous agonist at Orexin receptor with Kis of 420 and 36 nM for OX1 and OX2, respectively. Orexin B is a hypothalamic neuropeptide stimulating food intake in rats.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3449 mL	1.7245 mL	3.4491 mL
5 mM	0.069 mL	0.3449 mL	0.6898 mL
10 mM	0.0345 mL	0.1725 mL	0.3449 mL
50 mM	0.0069 mL	0.0345 mL	0.069 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

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

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