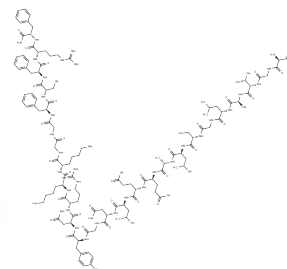


26RFa

Chemical Properties

CAS No. : 881640-56-8
 Formula: C127H197N37O36
 Molecular Weight: 2818.18
 Storage: Keep away from moisture
 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	Hypothalamic RFamide-related neuropeptide. Acts as a natural ligand of the orphan receptor GPR103. Exhibits orexigenic activity in mice upon central administration.
Targets(IC50)	Others

Solubility Information

Solubility	H2O: 1 mg/mL (0.35 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3548 mL	1.7742 mL	3.5484 mL
5 mM	0.071 mL	0.3548 mL	0.7097 mL
10 mM	0.0355 mL	0.1774 mL	0.3548 mL
50 mM	0.0071 mL	0.0355 mL	0.071 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

Kampe et al (2006) Effect of central administration of QRFP(26) peptide on energy balance and characterization of a second QRFP receptor in rat. Brain Res. 1119 133 PMID: 16996040

Le Marec et al (2011) Structure-activity relationships of a series of analogues of the RFamide-related peptide 26RFa J.Med.Chem. 54 4806 PMID: 21623631

Chartrel et al (2003) Identification of 26RFa, a hypothalamic neuropeptide of the RFamide peptide family with orexigenic activity. Proc.Natl.Acad.Sci.USA 100 15247 PMID: 14657341

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