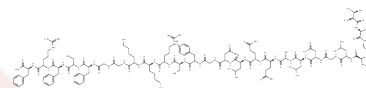


## 26Rfa, Hypothalamic Peptide, human

## Chemical Properties

CAS No. :	600171-68-4
Formula:	C127H195N37O37
Molecular Weight:	2832.13
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	This human neuropeptide of the RFamide peptide family with orexigenic activity may be also involved in the control of feeding behavior. The 26Rfa gene is exclusively expressed in the ventromedial hypothalamic nucleus and in the lateral hypothalamic area. The primary structures of human, rat, and frog 26Rfa exhibit ≈80% identity. Other data suggest also the potential role of the 26Rfa peptide in the control of the gonadotropic axis.
Targets(IC50)	Neuropeptide Y Receptor

## Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3531 mL	1.7655 mL	3.5309 mL
5 mM	0.0706 mL	0.3531 mL	0.7062 mL
10 mM	0.0353 mL	0.1765 mL	0.3531 mL
50 mM	0.0071 mL	0.0353 mL	0.0706 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

Chartrel N, et al. Identification of 26RFa, a hypothalamic neuropeptide of the RFamide peptide family with orexigenic activity. Proc Natl Acad Sci U S A. 2003 Dec 9;100(25):15247-52.

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