

Urocortin III, mouse

Chemical Properties

CAS No. :	357952-10-4
Formula:	C186H312N52O52S2
Molecular Weight:	4172.97
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>

FTLSLDVPTNIMNLFNIDKAKNLRAKAANAQQLMAQI-NH₂

Biological Description

Description	Mouse UcnIII is expressed predominantly in regions of the brain known to be involved in stress-related behaviours, and its expression in the hypothalamus increases following restraint.
Targets(IC50)	CRFR

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	0.2396 mL	1.1982 mL	2.3964 mL
5 mM	0.0479 mL	0.2396 mL	0.4793 mL
10 mM	0.024 mL	0.1198 mL	0.2396 mL
50 mM	0.0048 mL	0.024 mL	0.0479 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

Proc Natl Acad Sci U S A. 2001 Jun 19;98(13):7570-5. Lewis K, et al. Identification of urocortin III, an additional member of the corticotropin-releasing factor (CRF) family with high affinity for the CRF2 receptor. Identification of urocortin III, an additional member of the corticotropin-releasing factor (CRF) family with high affinity for the CRF2 receptor.

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