

Urocortin II, mouse

Chemical Properties

CAS No. :	330648-32-3
Formula:	C187H320N56O50
Molecular Weight:	4152.96
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	Urocortin II, mouse, is a selective and potent endogenous peptide agonist for the type-2 corticotropin-releasing factor (CRF2) receptor, displaying K_i values of 0.66 nM for CRFR2 and >100 nM for CRFR1, signifying its high specificity. It engages CRF2 receptors through mechanisms dependent on cAMP/PKA and Ca ²⁺ /CaMKII. Additionally, Urocortin II, mouse is localized in specific regions of the central nervous system, influencing central neurons that process visceral sensory information and regulate autonomic functions [1] [2] [3].
Targets(IC50)	CRFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2408 mL	1.204 mL	2.4079 mL
5 mM	0.0482 mL	0.2408 mL	0.4816 mL
10 mM	0.0241 mL	0.1204 mL	0.2408 mL
50 mM	0.0048 mL	0.0241 mL	0.0482 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.

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