

## Urocortin II, human TFA

## Chemical Properties

CAS No. :

Formula: C196H340F3N63O56S

Molecular Weight: 4564.3

Keep away from moisture

Storage: 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	Human urocortin (hUcn) II is a new member of the corticotropin-releasing-factor (CRF) family. It selectively binds to the CRF2 receptor. Human urocortin II exhibits mild motor-suppressive effects and delayed anxiolytic-like effects, suggesting a time-dependent role for hUcn II in the regulation of stress-related behavior.
Targets(IC50)	CRFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2191 mL	1.0955 mL	2.1909 mL
5 mM	0.0438 mL	0.2191 mL	0.4382 mL
10 mM	0.0219 mL	0.1095 mL	0.2191 mL
50 mM	0.0044 mL	0.0219 mL	0.0438 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

Zorrilla EP, et al. Human urocortin 2, a corticotropin-releasing factor (CRF)2 agonist, and ovine CRF, a CRF1 agonist, differentially alter feeding and motor activity. J Pharmacol Exp Ther. 2004 Sep;310(3):1027-34.

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