

## Urocortin, rat

## Chemical Properties

CAS No. : 171543-83-2

Formula: C206H338N62O64

Molecular Weight: 4707.26

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.

DDPPLSIDLTFHLLRTLLELARTOSORERAEQNRIFDSV-NH<sub>2</sub>

## Biological Description

Description	Endogenous CRF agonist. Ki values are 13, 1.5 and 0.97 nM for hCRF1, rCRF2 $\alpha$ and mCRF2 $\beta$ respectively.
Targets(IC50)	CRFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2124 mL	1.0622 mL	2.1244 mL
5 mM	0.0425 mL	0.2124 mL	0.4249 mL
10 mM	0.0212 mL	0.1062 mL	0.2124 mL
50 mM	0.0042 mL	0.0212 mL	0.0425 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

Reul JM, et al. Corticotropin-releasing factor receptors 1 and 2 in anxiety and depression. Curr Opin Pharmacol. 2002 Feb;2(1):23-33.

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