

## (Tyr0)-Urocortin, rat

Cat. No.:	HY-P3959
CAS No.:	187111-93-9
Molecular Formula:	C <sub>215</sub> H <sub>347</sub> N <sub>63</sub> O <sub>66</sub>
Molecular Weight:	4870.5
Sequence Shortening:	YDDPPLSIDLTFHLLRTLLELARTQSQRERAEQNRIIFDSV-NH2
Target:	CRFR
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	(Tyr0)-Urocortin, rat is a high-affinity agonist of corticotropin-releasing factor receptor type 1 (CRF-R1) and type 2 (CRF-R2). (Tyr0)-Urocortin, rat shows inhibitory binding constants (K <sub>i</sub> ) of 1-2 nM <sup>[1]</sup> .	
IC <sub>50</sub> & Target	CRFR1	CRFR2

### REFERENCES

[1]. Perrin MH, et al. Comparison of an agonist, urocortin, and an antagonist, astressin, as radioligands for characterization of corticotropin-releasing factor receptors. J Pharmacol Exp Ther. 1999 Feb;288(2):729-34.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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