

Sauvagine TFA

Cat. No.:	HY-P1298A
Molecular Formula:	C ₁₄₃ H ₂₃₂ F ₃ N ₄₁ O ₄₅ S
Molecular Weight:	3334.68
Sequence Shortening:	{Pry}GPPISIDLSLELLRKMIEIEKQEKEKQAANNRLLLDTI-NH2
Target:	CRFR
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Sauvagine TFA, a 40-amino-acid neuropeptide from the skin of the frog, is a mammalian CRF agonist. Sauvagine TFA is effective at releasing ACTH from rat pituitary cells. Sauvagine TFA possesses a number of pharmacological actions on diuresis, the cardiovascular system and endocrine glands^{[1][2][3]}.

REFERENCES

- [1]. David A Lovejoy, et al. Evolution and phylogeny of the corticotropin-releasing factor (CRF) family of peptides: expansion and specialization in the vertebrates. *J Chem Neuroanat.* 2013 Dec;54:50-6.
- [2]. P C Montecucchi, et al. Amino acid composition and sequence analysis of sauvagine, a new active peptide from the skin of *Phyllomedusa sauvagei*. *Int J Pept Protein Res.* 1981 Aug;18(2):113-20.
- [3]. M H Perrin, et al. Corticotropin releasing factor receptors and their ligand family. *Ann N Y Acad Sci.* 1999 Oct 20;885:312-28.

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

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