
Product Name	: Antisauvagine-30	D-Phe-His-Leu-Leu-Arg-Lys-Met-Ile-Glu-Ile-
Cat. No.	: PC-61274	Glu-Lys-Gln-Glu-Lys-Glu-Lys-Gln-Gln-Ala-
CAS No.	: 220673-95-0	Ala-Asn-Asn-Arg-Leu-Leu-Leu-Asp-Thr-Ile-NH ₂
Molecular Formula	: C ₁₆₁ H ₂₇₄ N ₄₈ O ₄₆ S	
Molecular Weight	: 3650.29	
Target	: CRF Receptor	
Solubility	: 10 mM in DMSO	

Biological Activity

Antisauvagine-30 is a potent, selective and competitive corticotropin-releasing factor **CRF2** receptor antagonist with Ki of 1.4 nM, 100-fold selectivity over CRF1.

Antisauvagine-30 inhibits sauvagine-stimulated cAMP accumulation in HEK cells with pA2 of 8.49.

Antisauvagine-30 prevents stress-enhanced fear conditioning and MEK 1/2-dependent activation of ERK1/2 in mice.

References

Rühmann A, et al. Proc Natl Acad Sci U S A. 1998 Dec 22;95(26):15264-9.

Sananbenesi F, et al. J Neurosci. 2003 Dec 10;23(36):11436-43.

Brauns O, et al. Neuropharmacology. 2001 Sep;41(4):507-16.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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