

Xenopus orexin A

Cat. No.:	HY-P10079
CAS No.:	254757-77-2
Molecular Formula:	C ₁₃₉ H ₂₃₀ N ₄₆ O ₄₂ S ₄
Molecular Weight:	3345.86
Sequence:	Ala-Pro-Asp-Cys-Cys-Arg-Gln-Lys-Thr-Cys-Ser-Cys-Arg-Ile-Tyr-Asp-Ile-Leu-Arg-Gly-Thr-Gly-Asn-His-Ala-Ala-Gly-Ile-Leu-Thr-Leu-NH ₂ (Disulfide bridge:Cys4-Cys10;Cys5-Cys12)
Sequence Shortening:	APDCCRQKTCSCRIYDILRGTGNHAAGILT-L-NH ₂ (Disulfide bridge:Cys4-Cys10;Cys5-Cys12)
Target:	Orexin Receptor (OX Receptor)
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Xenopus orexin A is a neuropeptides that identified as an endogenous ligands for an orphan G-protein-coupled receptor. Xenopus orexin A is a potent agonist of OX₁R^[1].

REFERENCES

[1]. M Shibahara, et al. Structure, tissue distribution, and pharmacological characterization of Xenopus orexins. Peptides. 1999;20(10):1169-76.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA