

## Xenopus orexin B

Cat. No.:	HY-P10080
CAS No.:	254757-78-3
Molecular Formula:	C <sub>130</sub> H <sub>219</sub> N <sub>45</sub> O <sub>40</sub> S <sub>2</sub>
Molecular Weight:	3116.54
Sequence:	Arg-Ser-Asp-Phe-Gln-Thr-Met-Gln-Ser-Arg-Leu-Gln-Arg-Leu-Leu-Gln-Gly-Ser-Gly-Asn-His-Ala-Ala-Gly-Ile-Leu-Thr-Met-NH <sub>2</sub>
Sequence Shortening:	RSDFQTMQSRLQRLQSGNHAAGILTM-NH <sub>2</sub>
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 B is a neuropeptides that identified as an endogenous ligands for an orphan G-protein-coupled receptor. Xenopus orexin B is a potent agonist of OX<sub>2</sub>R<sup>[1]</sup>.

### 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.**

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