

Orexin B, Human

Like orexin A, orexin B is a hypothalamic neuropeptide regulating the feeding behavior. Central administration of orexin B to rats stimulated food consumption in a similar manner to orexin A, but the effect did not last as long as that of orexin A. The affinity of orexin B for the OX₂ receptor is significantly lower (IC₅₀ = 240 nM) than that of orexin A. Binding affinities for the OX₂ receptor are similar for orexin A and B (IC₅₀ = 38 nM and 36 nM, respectively, for displacement of radiolabeled orexin A bound to the receptor).

Catalog No.	5991360
Size	
Product Category	Catalog Peptide
Sequence	Arg-Ser-Gly-Pro-Pro-Gly-Leu-Gln-Gly-Arg-Leu-Gln-Arg-Leu-Leu-Gln-Ala-Ser-Gly-Asn-His-Ala-Ala-Gly-Ile-Leu-Thr-Met-NH ₂
CAS No.	205640-91-1
Mol. Formula	C ₁₂₃ H ₂₁₂ N ₄₄ O ₃₅ S
Mol. Weight	2899.4
Purity	> 95%
MOQ	1 mg
Storage/Stability	-20°C/1 year
Shipping	Gel Packs