

Levitide

Cat. No.:	HY-P2019
CAS No.:	114281-19-5
Molecular Formula:	C ₆₆ H ₁₁₉ N ₂₁ O ₁₉ S
Molecular Weight:	1542.85
Sequence Shortening:	Glp-GMIGTLTSKRIKQ-NH2
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Levitide is a neurohormone-like peptide, can be isolated from skin secretions of the South African frog <i>Xenopus laevis</i> . Levitide comes from preprolevitide, is 88 residues long and contains contains the levitide peptide at the C terminus (Glu-Gly-Met-Ile-Gly-Thr-Leu-Thr-Ser-Lys-Arg-Ile-Lys-Gln-NH2) and the putative signal sequence at the N terminus ^[1] .
In Vitro	The preprolevitide, also known as levitide precursor, exhibits a striking nucleotide and amino acid sequence homology with the precursor of xenopsin. Xenopsin is a octapeptide and also encodes a 25-residue amphipathic peptide that is released by processing at a single arginine residue ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Poulter L, et al. Levitide, a neurohormone-like peptide from the skin of *Xenopus laevis*. Peptide and peptide precursor cDNA sequences. J Biol Chem. 1988 Mar 5;263(7):3279-83.

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

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