

Oxyntomodulin (bovine, porcine) (TFA)

Cat. No.:	HY-P1144A	
Molecular Formula:	C ₁₉₂ H ₂₉₅ N ₅₉ O ₆₀ S.xC ₂ HF ₃ O ₂	
Sequence Shortening:	HSQGTFTSDYSKYLDSRRAQDFVQWLMNTRKRNKNNIA	His-Ser-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Lys-Tyr-Leu-Asp-Ser-Arg-Arg-Ala-Gln-Asp-Phe-Val-Gln-Trp-Leu-Met-Asn-Thr-Lys-Arg-Asn-Lys-Asn-Asn-Ile-Ala (TFA salt)
Target:	GCGR	
Pathway:	GPCR/G Protein	
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description	Oxyntomodulin (bovine, porcine) TFA, a 37-amino acid peptide hormone, is a glucagon-like peptide 1 (GLP-1) receptor agonist ^[1] .
In Vitro	Oxyntomodulin (bovine, porcine) is a peptide hormone released from the gut in post-prandial state that activates both the glucagon-like peptide-1 receptor (GLP1R) and the glucagon receptor (GCGR) resulting in superior body weight lowering to selective GLP1R agonists. Oxyntomodulin is mainly produced in gut endocrine L-cells by processing of the preproglucagon precursor by prohormone convertase 1/3. Oxyntomodulin is a full agonist in cell lines over expressing the human GLP1R and GCGR-mediated cAMP accumulation although with reduced affinity compared to GLP-1 and glucagon ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Alessandro Pocai. Action and therapeutic potential of oxyntomodulin. Mol Metab. 2013 Dec 14;3(3):241-51.

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