

Hypocretin (70-98), human

Cat. No.:	HY-P3867
CAS No.:	1129545-33-0
Molecular Formula:	C ₁₂₅ H ₂₁₄ N ₄₄ O ₃₇ S
Molecular Weight:	2957.37
Sequence Shortening:	RSGPPGLQGRLQRLQLQASGNHAAGILTMG
Target:	Orexin Receptor (OX Receptor); Apoptosis
Pathway:	GPCR/G Protein; Neuronal Signaling; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Hypocretin (70-98), human is a polypeptide that is capable of binding to an orexin receptor OX1R and promotes apoptosis ^[1] .
IC ₅₀ & Target	human OX1R
In Vitro	Hypocretin (70-98), human promotes apoptosis in a cell expressing an orexin receptor. OX1R promotes apoptosis in cancer cells through a mechanism which is not related to Gq-mediated phospholipase C activation and cellular calcium transients ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Bruno Robert, et al. Polypeptides for preparing drug conjugates capable of promoting apoptosis in a cell expressing an orexin receptor. Patent WO2017140845A1.

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

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