

## Acetyl-Amylin (8-37) (human)

Cat. No.:	HY-P4785
CAS No.:	178603-79-7
Molecular Formula:	C <sub>140</sub> H <sub>218</sub> N <sub>42</sub> O <sub>46</sub>
Molecular Weight:	3225.48
Sequence:	Ac-Ala-Thr-Gln-Arg-Leu-Ala-Asn-Phe-Leu-Val-His-Ser-Ser-Asn-Asn-Phe-Gly-Ala-Ile-Leu-Ser-Ser-Thr-Asn-Val-Gly-Ser-Asn-Thr-Tyr-NH2
Sequence Shortening:	Ac-ATQRLANFLVHSSNFGAILSSTNVGSNTY-NH2
Target:	Amylin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	Acetyl-Amylin (8-37) (human) is a specific amylin antagonist <sup>[1]</sup> .
In Vitro	Amylin has the potential to exert an autocrine or paracrine effect on islet insulin secretion <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. M Hettiarachchi, et al. Rat amylin-(8-37) enhances insulin action and alters lipid metabolism in normal and insulin-resistant rats. Am J Physiol. 1997 Nov;273(5):E859-67.
- [2]. I Villa, et al. Effects of calcitonin gene-related peptide and amylin on human osteoblast-like cells proliferation. Eur J Pharmacol. 2000 Dec 15;409(3):273-8.

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

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