

Amylin (1-13) (human)

Cat. No.:	HY-P4767
CAS No.:	198328-30-2
Molecular Formula:	C ₅₄ H ₉₅ N ₁₉ O ₁₉ S ₂
Molecular Weight:	1378.58
Sequence:	Lys-Cys-Asn-Thr-Ala-Thr-Cys-Ala-Thr-Gln-Arg-Leu-Ala (Disulfide bridge: Cys2-Cys7)
Sequence Shortening:	KCNTATCATQLA (Disulfide bridge: Cys2-Cys7)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Amylin (1-13) (human) is a fragment and a residues within amyloid cores of Amylin (human IAPP). Amylin is a glucose-regulating hormone, deposits as amyloid fibrils in condition of type II diabetes (T2D). Amylin (1-13) (human) has no effect on fibril formation, as it cannot form fibrils by itself^[1].

REFERENCES

[1]. Cao Q, et al. Cryo-EM structure and inhibitor design of human IAPP (amylin) fibrils. Nat Struct Mol Biol. 2020 Jul;27(7):653-659.

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