

(Pyr3)-Amyloid β -Protein (3-42)

Cat. No.:	HY-P4882
CAS No.:	183449-57-2
Molecular Formula:	C ₁₉₆ H ₂₉₉ N ₅₃ O ₅₅ S
Molecular Weight:	4309.86
Sequence:	{Pyr}-Phe-Arg-His-Asp-Ser-Gly-Tyr-Glu-Val-His-His-Gln-Lys-Leu-Val-Phe-Phe-Ala-Glu-Asp-Val-Gly-Ser-Asn-Lys-Gly-Ala-Ile-Ile-Gly-Leu-Met-Val-Gly-Gly-Val-Val-Ile-Ala
Sequence Shortening:	{Pyr}-FRHDSGYEVHHQKLVFFAEDVGSNKGAIIGLMVGGWIA
Target:	Amyloid- β
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

(Pyr3)-Amyloid β -Protein (3-42) is the predominant amyloid β -peptide structure deposited in human brain of Alzheimer's disease and Down's syndrome patients. (Pyr3)-Amyloid β -Protein (3-42) is suggested to accumulate in the brain and to trigger the formation of insoluble amyloid β -peptide deposits^[1].

REFERENCES

[1]. Takahashi-Ito K, et.al. Memantine inhibits β -amyloid aggregation and disassembles preformed β -amyloid aggregates. *Biochem Biophys Res Commun*. 2017 Nov 4;493(1):158-163.

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

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