

β Amyloid (1-16) rat

Cat. No.:	HY-P10039
CAS No.:	1123154-43-7
Molecular Formula:	C ₈₀ H ₁₁₅ N ₂₅ O ₂₇
Molecular Weight:	1858.92
Sequence:	Asp-Ala-Glu-Phe-Gly-His-Asp-Ser-Gly-Phe-Glu-Val-Arg-His-Gln-Lys
Sequence Shortening:	DAEFGHDSGFVVRHQK
Target:	Amyloid-β
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

β-Amyloid (1-16) rat is a β-amyloid peptide (Abeta), a metal-binding domain fragment of amyloid. Three amino acid substitutions in β-Amyloid (1-16) rat that differ from humans render rats and mice less susceptible to AD-like neurodegeneration^[1].

REFERENCES

[1]. Kugaevskaya EV, et al. N-domain of angiotensin-converting enzyme hydrolyzes human and rat amyloid-β(1-16) peptides as arginine specific endopeptidase potentially enhancing risk of Alzheimer's disease. Sci Rep. 2018 Jan 10;8(1):298.

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

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