

β-Amyloid (1-14),mouse, rat

Cat. No.:	HY-P1524
Molecular Formula:	C ₆₉ H ₉₅ N ₂₁ O ₂₄
Molecular Weight:	1602.62
Sequence:	Asp-Ala-Glu-Phe-Gly-His-Asp-Ser-Gly-Phe-Glu-Val-Arg-His
Sequence Shortening:	DAEFGHDSGFVVRH
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 (1-14),mouse, rat is a 1 to 14 fragment of Amyloid-β peptide.
In Vitro	<p>β-Amyloid (1-14),mouse, rat is produced through the proteolytic processing of a transmembrane protein, amyloid precursor protein (APP), by β- and γ-secretases. β-Amyloid (1-14),mouse, rat accumulation in the brain is proposed to be an early toxic event in the pathogenesis of Alzheimer's disease, which is the most common form of dementia associated with plaques and tangles in the brain^[1].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

REFERENCES

[1]. Chen GF, et al. Amyloid beta: structure, biology and structure-based therapeutic development. Acta Pharmacol Sin. 2017 Sep;38(9):1205-1235.

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

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