

## Acetyl-Amyloid $\beta$ -Protein (1-6) amide

Cat. No.:	HY-P4788
CAS No.:	903883-22-7
Molecular Formula:	C <sub>35</sub> H <sub>50</sub> N <sub>12</sub> O <sub>11</sub>
Molecular Weight:	814.85
Sequence:	Ac-Asp-Ala-Glu-Phe-Arg-His-NH <sub>2</sub>
Sequence Shortening:	Ac-DAEFRH-NH <sub>2</sub>
Target:	Amyloid- $\beta$
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Acetyl-Amyloid  $\beta$ -Protein (1-6) amide is a hexapeptide that contains a potential copper(II) binding site. Acetyl-Amyloid  $\beta$ -Protein (1-6) amide can be used for research of Alzheimer's disease and related disorders<sup>[1]</sup>.

### REFERENCES

[1]. Damante CA, et al. The metal loading ability of beta-amyloid N-terminus: a combined potentiometric and spectroscopic study of copper(II) complexes with beta-amyloid(1-16), its short or mutated peptide fragments, and its polyethylene glycol (PEG)-ylated analogue. *Inorg Chem.* 2008 Oct 20;47(20):9669-83.

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

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