

(Met(O)35)-Amyloid β -Protein (1-42)

Cat. No.:	HY-P3781
Molecular Formula:	C ₂₀₃ H ₃₁₁ N ₅₅ O ₆₁ S
Molecular Weight:	4530.04
Sequence Shortening:	DAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGL-{Met(O)}-VGGVIA
Target:	Amyloid- β
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	(Met(O)35)-Amyloid β -Protein (1-42) is the oxidation form of Met35 in A β 42. (Met(O)35)-Amyloid β -Protein (1-42) can yield an oligomer size distribution characteristic of A β 40. (Met(O)35)-Amyloid β -Protein (1-42) can be used in the research of Alzheimer's disease (AD) ^[1] .
In Vitro	(Met(O)35)-Amyloid β -Protein (1-42) yields an oligomer size distribution characteristic of A β 40 ^[1] . (Met(O)35)-Amyloid β -Protein (1-42) can form fibrils faster ^[1] . (Met(O)35)-Amyloid β -Protein (1-42) blocks paranucleus formation and produced oligomers indistinguishable in size and morphology from those produced by A β 40 ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Bitan G, et al. A molecular switch in amyloid assembly: Met35 and amyloid beta-protein oligomerization. J Am Chem Soc. 2003 Dec 17;125(50):15359-65.

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