[Asn23]-beta-Amyloid (1-42), iowa mutation

Cat. No.:	HY-P5331
Molecular Formula:	$C_{203}H_{312}N_{56}O_{59}S$
Molecular Weight:	4513.05
Sequence:	Asp-Ala-Glu-Phe-Arg-His-Asp-Ser-Gly-Tyr-Glu-Val-His-His-Gln-Lys-Leu-Val-Phe-Phe-Ala-Glu-Asn-Val-Gly-Ser-Asn-Lys-Gly-Ala-Ile-Ile-Gly-Leu-Met-Val-Gly-Gly-Val-Val-Ile-Ala
Sequence Shortening:	DAEFRHDSGYEVHHQKLVFFAENVGSNKGAIIGLMVGGVVIA
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	[Asn23]-beta-Amyloid (1-42), iowa mutation is a biological active peptide. (Several mutations in the beta amyloid precursor gene cause autosomal dominant Alzheimer's Disease in a number of kindreds. The Iowa mutation, where Asp 23 is replaced with Asn, is associated with severe cerebral amyloid beta-protein angiopathy (CAA). The affected individuals share a missense mutation in APP at position 694. The mutated beta-amyloid peptide aggregates more rapidly and forms toxic fibrils.)

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