

## [Arg6]-β-Amyloid (1-40), england mutation

Cat. No.:	HY-P5368
CAS No.:	1802084-26-9
Molecular Formula:	C <sub>194</sub> H <sub>300</sub> N <sub>54</sub> O <sub>58</sub> S
Molecular Weight:	4348.85
Sequence:	Asp-Ala-Glu-Phe-Arg-Arg-Asp-Ser-Gly-Tyr-Glu-Val-His-His-Gln-Lys-Leu-Val-Phe-Phe-Ala-Glu-Asp-Val-Gly-Ser-Asn-Lys-Gly-Ala-Ile-Ile-Gly-Leu-Met-Val-Gly-Gly-Val-Val
Sequence Shortening:	DAEFRRDSGYEVHHQKLVFFAEDVGSNKGAIIGLMVGGVV
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

[Arg6]-β-Amyloid (1-40), england 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. Among them, the English mutation, with His at position 6 replaced with Arg, was reported to accelerate the kinetics of oligomers formation which act as fibril seeds and are more toxic to cultured neuronal cells.)

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

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