

## β-Amyloid (1-42), human (TFA)

Cat. No.:	HY-P1363
CAS No.:	107761-42-2
Batch No.:	68010
Chemical Name:	Amyloid β-Peptide (1-42) (human) L-Alanine, L-α-aspartyl-L-alanyl-L-α-glutamyl-L-phenylalanyl-L-arginyl-L-histidyl-L-α-aspartyl-L-serylglycyl-L-tyrosyl-L-α-glutamyl-L-valyl-L-histidyl-L-histidyl-L-glutamyl-L-lysyl-L-leucyl-L-valyl-L-phenylalanyl-L-phenylalanyl-L-alanyl-L-α-glutamyl-L-α-aspartyl-L-valylglycyl-L-seryl-L-asparaginyl-L-lysylglycyl-L-alanyl-L-isoleucyl-L-isoleucylglycyl-L-leucyl-L-methionyl-L-valylglycylglycyl-L-valyl-L-valyl-L-isoleucyl-, (TFA)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>205</sub> H <sub>312</sub> F <sub>3</sub> N <sub>55</sub> O <sub>62</sub> S		
Molecular Weight:	4628.06		
Storage:	Powder	-80°C	2 years
		-20°C	1 years
	In solvent	-80°C	6 months
		-20°C	1 month

### Chemical Structure:

DAEFRHDSGGYEVHHQKLVFFAEDVGSNKGAIIGLMVGGVVIA (TFA salt)

### ANALYTICAL DATA

Appearance:	White to off-white (Solid)
Purity (HPLC):	96.23%
Nitrogen Content(N%):	13.06%
Carbon Content(C%):	46.35%
Hydrogen Content(H%):	6.143%
Conclusion:	The product has been tested and complies with the given specifications.

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

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