

## β-Amyloid (1-42), human (TFA)

Cat. No.: HY-P1363  
CAS No.: 107761-42-2  
Batch No.: 237972  
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: Sealed storage, away from moisture  
Powder -80°C 2 years  
-20°C 1 year

\* The compound is unstable in solutions, freshly prepared is recommended.

### Chemical Structure:

DAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGLMVGGVVIA (TFA salt)

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
MS: Consistent with structure  
Purity (HPLC): 99.46%  
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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