

## β-Amyloid (1-40)

Cat. No.: HY-P0265  
CAS No.: 131438-79-4  
Batch No.: 40456  
Chemical Name: L-Valine, 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-glutaminyl-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-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{194}H_{295}N_{53}O_{58}S$   
Molecular Weight: 4329.82  
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:

DAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGLMVGGVV

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (HPLC): 95.52%  
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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