

## β-Amyloid (1-40), FAM-labeled (TFA)

**Cat. No.:** HY-P2550A  
**Batch No.:** 262466  
**Chemical Name:** L-Valine, N-[(3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-5-yl)carbonyl]-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-asparaginyll-L-lysglycyl-L-alanyl-L-isoleucyl-L-isoleucylglycyl-L-leucyl-L-methionyl-L-valylglycylglycyl-L-valyl- (TFA)

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>217</sub>H<sub>306</sub>N<sub>53</sub>F<sub>3</sub>O<sub>66</sub>S  
**Molecular Weight:** 4802.22  
**Storage:** Sealed storage, away from moisture and light, under nitrogen  
Powder      -80°C    2 years  
                 -20°C    1 years  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

**Chemical Structure:**

FAM-DAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGLMVGGVV (TFA salt)

### ANALYTICAL DATA

**Appearance:** Light yellow to yellow (Solid)  
**MS:** Consistent with structure  
**Purity (HPLC):** 99.87%  
**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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