



## Product Data Sheet

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**Product Name:**  $\beta$ -Amyloid (1-40)-Lys(Biotin)-NH<sub>2</sub>

**Catalog Number:** AS-61483-01 (0.1 mg)                      Lot Number: See label on vial  
AS-61483-05 (0.5 mg)

**Sequence:** H-Asp-Ala-Glu-Phe-Arg-His-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-Lys(Biotin)-NH<sub>2</sub> (3-letter code)  
DAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGLMVGGVV-K(Biotin)-  
NH<sub>2</sub> (1-letter code)

**Molecular Weight:** 4685.4

**% Peak Area by HPLC:**  $\geq 95$

**Appearance:** Lyophilized white powder

**Peptide Reconstitution:** Reconstitute by adding 35-40  $\mu$ l 1%NH<sub>4</sub>OH to 0.5 mg  $\beta$ -Amyloid (1-40)-Lys(Biotin)-NH<sub>2</sub>. Dilute this peptide solution to approximately 1 mg/ml (or more dilute) with a buffer such as PBS or another buffer; aliquot and store at -20C.

**Storage:**  $\beta$ -Amyloid (1-40)-Lys(Biotin)-NH<sub>2</sub> peptide is shipped at ambient temperature. Upon receipt, store lyophilized peptide at -20°C or lower. Reconstituted peptide can be aliquoted and stored at -20°C or lower.

**Description:** The difference between this recently released and the previous product (Cat# 23515) is the change at the C terminus from a carboxylic acid to an amide. The biological activity should remain the same.

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