**8-Amyloid Peptide (1-40)**

**Product Information**

**Product ID** A4852  
**CAS No.**  
**Chemical Name**  
**Synonym** Amyloid-B  
**Formula** C_{194}H_{295}N_{53}O_{58}S  
**Formula Wt.** 4329.9  
**Melting Point**  
**Purity** ≥95%  
**Solubility** Soluble in water (1 mg/mL). Soluble in 1% acetic acid (1 mg/mL).  
**Store Temp** -20°C  
**Ship Temp** Ambient  
**Description** Amyloid-β (Aβ) is a peptide cleavage product of amyloid precursor protein (APP) that is often used as a biomarker in Alzheimer’s disease. Misfolded Aβ oligomers instigate conformation changes in other, normally folded Aβ oligomers, increasing the number of misfolded proteins and eventually forming neurotoxic plaques. These plaques impair cognitive performance in vivo. Aβ (1-42) is more fibrillogenic and more highly associated with Alzheimer’s disease than Aβ (1-40), although the shorter form is more common.

**References**  


**Pricing and Availability**

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<th>Product ID</th>
<th>Size</th>
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Bulk quantities available upon request.

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**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.