β-Amyloid 1-15

Cat. No.: HY-P1046
CAS No.: 183745-81-5
Molecular Formula: C₇₈H₁₀₇N₂₅O₂₇
Molecular Weight: 1826.84
Sequence: Asp-Ala-Glu-Phe-Arg-His-Asp-Ser-Gly-Tyr-Val-His-His-Gln
Sequence Shortening: DAEFRHDSGYEVHHQ
Target: Amyloid-β
Pathway: Neuronal Signaling
Storage: Please store the product under the recommended conditions in the COA.

BIOLOGICAL ACTIVITY

<table>
<thead>
<tr>
<th>Description</th>
<th>β-Amyloid (1-15) is a fragment of β-Amyloid peptide. Beta-amyloid is a peptide that forms amyloid plaques in the brains of Alzheimer’s disease (AD) patients.</th>
</tr>
</thead>
<tbody>
<tr>
<td>IC₅₀ &amp; Target</td>
<td>Amyloid-β[¹]</td>
</tr>
<tr>
<td>In Vitro</td>
<td>β-Amyloid (1-15) is produced by concerted β- and α-secretase cleavage of amyloid-β protein precursor (AβPP). β-Amyloid (1-15) seems to be a sensitive acute pharmacodynamic biomarker for γ-secretase inhibition and may have several advantages compared to measuring longer CSF Aβ species. [¹].</td>
</tr>
</tbody>
</table>

REFERENCES


Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA