

## Ac-[Pro18, Asp21]-Beta-Amyloid (17-21) amide

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The pentapeptide Ac-LPFFD-NH<sub>2</sub> (iA $\beta$ 5p) is an analog of product [Pro18, Asp21]-Beta-Amyloid (17-21) with small chemical modifications which enhance its stability against proteolytic degradation. iA $\beta$ 5p acts as a  $\beta$ -sheet breaker peptide and crosses the blood-brain barrier at a higher rate than most proteins and peptides known to be selectively taken up by the brain so that it is assumed that the peptide is being specifically transported to the brain. A significant increase in neuronal survival and decrease in brain inflammation associated with the reduction of amyloid plaques in two different transgenic Alzheimer's disease (AD) models is additionally reported for iA $\beta$ 5p.

Catalog No.	5991576
Size	
Product Category	Catalog Peptide
Sequence	Ac-Leu-Pro-Phe-Phe-Asp-NH <sub>2</sub>
CAS No.	339990-02-2
Mol. Formula	C <sub>35</sub> H <sub>46</sub> N <sub>6</sub> O <sub>8</sub>
Mol. Weight	678.79
Purity	> 95%
MOQ	1 mg
Storage/Stability	-20°C/1 year
Shipping	Gel Packs