

## [Arg15, Asp16, 25, Pro18, 21, 23, Val22, Ile24]-Beta-Amyloid-Protein (15-25)

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The undecapeptide RDLPPFPVPID (iA $\beta$ 11) has a similar degree of hydrophobicity as the native amyloid  $\beta$ -peptide (A $\beta$ ), but with a low propensity to adopt a  $\beta$ -sheet conformation. It is therefore called anti- $\beta$ -sheet peptide or  $\beta$ -sheet inhibitor. iA $\beta$ 11 binds to A $\beta$ , inhibits A $\beta$  fibril formation and partially disaggregates preformed fibrils in vitro. This anti- $\beta$ -sheet peptide may serve as a starting point to design inhibitors of amyloidogenesis in vivo.

Catalog No.	5991682
Size	
Product Category	Catalog Peptide
Sequence	Arg-Asp-Leu-Pro-Phe-Phe-Pro-Val-Pro-Ile-Asp
CAS No.	182912-63-6
Mol. Formula	C <sub>64</sub> H <sub>94</sub> N <sub>14</sub> O <sub>16</sub>
Mol. Weight	1315.55
Purity	> 95%
MOQ	1 mg
Storage/Stability	-20°C/1 year
Shipping	Gel Packs