

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

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

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| 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 ₆₄ H ₉₄ N ₁₄ O ₁₆ |
| Mol. Weight | 1315.55 |
| Purity | > 95% |
| MOQ | 1 mg |
| Storage/Stability | -20°C/1 year |
| Shipping | Gel Packs |