

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

Catalog #	Source	Reactivity	Applications
CCP1682	Synthetic		
<b>Description</b>	Peptide to [Arg15, Asp16, 25, Pro18, 21, 23, Val22, Ile24]-Beta-Amyloid-Protein (15-25)		
<b>Biological Description</b>	<p>The undecapeptide RDLPPFPVPID (iAβ11) has a similar degree of hydrophobicity as the native amyloid β-peptide (Aβ), but with a low propensity to adopt a β-sheet conformation. It is therefore called anti-β-sheet peptide or β-sheet inhibitor. iAβ11 binds to Aβ, inhibits Aβ 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.</p>		
<b>Form</b>	Lyophilized powder		
<b>CAS Number</b>	182912-63-6		
<b>Molecular Formula</b>	C64H94N14O16		
<b>Molecular Weight</b>	1315.55		
<b>Purity</b>	> 95%		
<b>Chemical Structure</b>	Arg - Asp - Leu - Pro - Phe - Phe - Pro - Val - Pro - Ile - Asp		
<b>Storage/Stability</b>	Shipped at 4°C. Store at -20°C for one year.		
<b>Structure</b>			

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

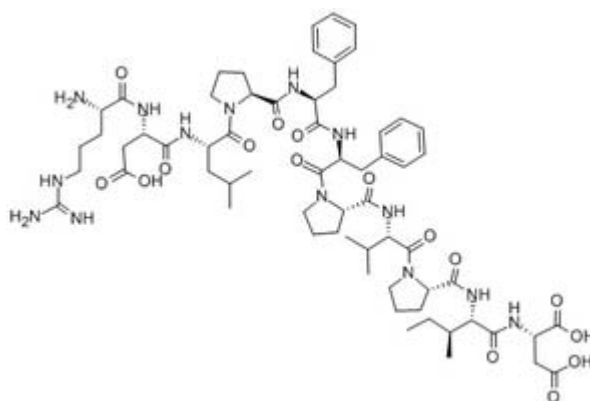
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