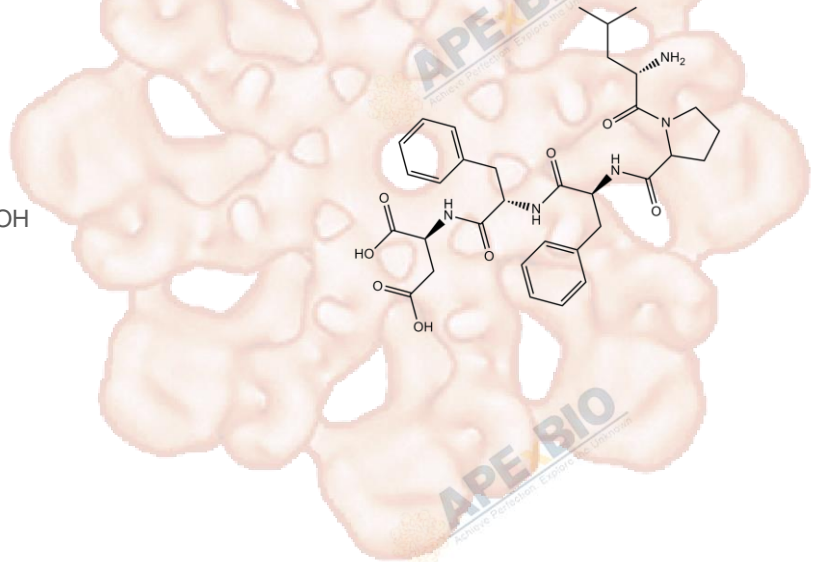


# Product Data Sheet

## Beta-Sheet Breaker Peptide iAβ5

|                  |                            |
|------------------|----------------------------|
| <b>Cat. No.:</b> | A1005                      |
| <b>CAS No.:</b>  | 182912-74-9                |
| <b>Formula:</b>  | C33H43N5O8                 |
| <b>M.Wt:</b>     | 637.73                     |
| <b>Synonyms:</b> | H2N-Leu-Pro-Phe-Phe-Asp-OH |
| <b>Target:</b>   | Neuroscience               |
| <b>Pathway:</b>  | Neuroscience Peptides      |
| <b>Storage:</b>  | Store at -20°C             |



### Solvent & Solubility

≥63.7 mg/mL in DMSO; ≥16.33 mg/mL in EtOH; ≥6.9 mg/mL in H2O with ultrasonic

In Vitro

| Preparing Stock Solutions | Solvent       |  | Mass      |           |            |
|---------------------------|---------------|--|-----------|-----------|------------|
|                           | Concentration |  | 1mg       | 5mg       | 10mg       |
|                           | 1 mM          |  | 1.5681 mL | 7.8403 mL | 15.6806 mL |
|                           | 5 mM          |  | 0.3136 mL | 1.5681 mL | 3.1361 mL  |
|                           | 10 mM         |  | 0.1568 mL | 0.7840 mL | 1.5681 mL  |

Please refer to the solubility information to select the appropriate solvent.

### Biological Activity

Shortsummary

Peptide which can inhibit amyloidogenesis

IC<sub>50</sub> & Target

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

**APEX BIO Technology**

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