

## pPB peptide

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 663933-94-6   |
| Formula:          | C35H60N12O13S2  |
| Molecular Weight: | 921.06  |
| Storage:          | Keep away from moisture<br>Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br><small>Actual storage temperature shall be subject to the COA.</small> |

## Biological Description

|               |  |
|---------------|--|
| Description   | pPB peptide is a cyclic peptide that selectively binds with high affinity to the platelet-derived growth factor $\beta$ receptor (PDGFbR). It is applicable for targeted drug delivery specific to PDGFbR. |
| Targets(IC50) | Others   |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.0857 mL | 5.4285 mL | 10.8571 mL |
| 5 mM  | 0.2171 mL | 1.0857 mL | 2.1714 mL  |
| 10 mM | 0.1086 mL | 0.5429 mL | 1.0857 mL  |
| 50 mM | 0.0217 mL | 0.1086 mL | 0.2171 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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