

## VPGVG

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 52231-42-2  |
| Formula:          | C19H33N5O6  |
| Molecular Weight: | 427.5   |
| 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   | VPGVG is a repeating sequence that forms elastin-like polypeptides. It originates from a sequence found within the hydrophobic domain of vertebrate elastin. Elastin-like polypeptides are a type of temperature-responsive biomaterial. |
| Targets(IC50) | Others   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.3392 mL | 11.6959 mL | 23.3918 mL |
| 5 mM  | 0.4678 mL | 2.3392 mL  | 4.6784 mL  |
| 10 mM | 0.2339 mL | 1.1696 mL  | 2.3392 mL  |
| 50 mM | 0.0468 mL | 0.2339 mL  | 0.4678 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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