

RPFYSNAPQEIFIQQGR

## Chemical Properties

CAS No. : 2007127-16-2  
Formula: C93H139N27O26  
Molecular Weight: 2051.3  
Storage: Keep away from moisture  
Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
Actual storage temperature shall be subject to the COA.

## Biological Description

|               |  |
|---------------|--|
| Description   | RPFYSNAPQEIFIQQGR is a peptide that can be isolated from peanut protein. It serves as a marker peptide for detecting peanut allergens using ultra-high-performance liquid chromatography-tandem mass spectrometry (UHPLC-MS/MS). |
| Targets(IC50) | Others   |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.4875 mL | 2.4375 mL | 4.875 mL  |
| 5 mM  | 0.0975 mL | 0.4875 mL | 0.975 mL  |
| 10 mM | 0.0487 mL | 0.2437 mL | 0.4875 mL |
| 50 mM | 0.0097 mL | 0.0487 mL | 0.0975 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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