

## PTD-p65-P1 Peptide TFA

## Chemical Properties

CAS No. :

Formula: C170H276F3N57O46S

Molecular Weight: 3943.52

Keep away from moisture

Storage: 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   | Ptd-p65-p1 Peptide TFA is a nuclear transcription factor nf-kappab inhibitor, consisting of a membrane transport Peptide sequence derived from antennapedia linked to p65-p1, selectively inhibiting nf-kappab activity induced by various stimuli. |
| Targets(IC50) | Apoptosis,NF-κB   |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.2536 mL | 1.2679 mL | 2.5358 mL |
| 5 mM  | 0.0507 mL | 0.2536 mL | 0.5072 mL |
| 10 mM | 0.0254 mL | 0.1268 mL | 0.2536 mL |
| 50 mM | 0.0051 mL | 0.0254 mL | 0.0507 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.

## Reference

Takada Y, et al. Identification of a p65 peptide that selectively inhibits NF-kappa B activation induced by various inflammatory stimuli and its role in down-regulation of NF-kappaB-mediated gene expression and up-regulation of apoptosis. J Biol Chem. 2004 Apr 9;279(15):15096-104.

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