

PTD-p65-P1 Peptide

Chemical Properties

CAS No. :

Formula: C168H275N57O44S

Molecular Weight: 3829.5

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, a selective inhibitor of the nuclear transcription factor NF-kappaB, consists of a conjugation between a membrane-translocating peptide derived from antennapedia (PTD) and p65-P1. This composition effectively inhibits activation triggered by diverse inflammatory stimuli.
Targets(IC50)	Apoptosis,NF-κB

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2611 mL	1.3057 mL	2.6113 mL
5 mM	0.0522 mL	0.2611 mL	0.5223 mL
10 mM	0.0261 mL	0.1306 mL	0.2611 mL
50 mM	0.0052 mL	0.0261 mL	0.0522 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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