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## Product Data Sheet

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Product Name: PTD-p65-P1 Peptide

Cat. No.: GC37036

### Chemical Properties

Cas. No.

Formula  $C_{168}H_{275}N_{57}O_{44}S$  M.Wt 3829.5

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure

### Background

PTD-p65-P1 Peptide is a nuclear transcription factor NF-kappaB inhibitor, composed of a membrane-translocating peptide sequence generated from antennapedia (PTD) conjugated with p65-P1, which selectively inhibits activation induced by various inflammatory stimuli[1]. NF-kappaB[1]

[1]. 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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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