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## Product Data Sheet

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Product Name: TAT (48-57) TFA

Cat. No.: GC37744

### Chemical Properties

Cas. No.

Formula  $C_{55}H_{109}N_{31}O_{12} \cdot C_2HF_3O_2$  M.Wt 1510.67

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

TAT (48-57) (TFA) is a cell-permeable peptide, derived from HIV-1 transactivator of transcription (Tat) protein residue 48-57[1].

[1]. Cardozo AK, et al. Cell-permeable peptides induce dose- and length-dependent cytotoxic effects. *Biochim Biophys Acta*. 2007 Sep;1768(9):2222-34.

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

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