

TAT (48-57) TFA(253141-50-3,free)

## Chemical Properties

CAS No. :

Formula: C55H109N31O12.C2HF3O2

Molecular Weight: 1510.67

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	TAT (48-57) (TFA) is a cellular permeability peptide derived from hiv-1 transcriptional activator (TAT) protein residue 48-57.
-------------	--

## Solubility Information

Solubility	H2O: Soluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.662 mL	3.3098 mL	6.6196 mL
5 mM	0.1324 mL	0.662 mL	1.3239 mL
10 mM	0.0662 mL	0.331 mL	0.662 mL
50 mM	0.0132 mL	0.0662 mL	0.1324 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

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

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481