

TAT TFA (191936-91-1 free base)

## Chemical Properties

CAS No. :

Formula: C66H119N32F3O16

Molecular Weight: 1673.85

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 TFA (YGRKKRRQRRR) is derived from human immunodeficiency virus (hiv-1) transcription reverse activator TAT, is a cell penetrating peptide.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5974 mL	2.9871 mL	5.9743 mL
5 mM	0.1195 mL	0.5974 mL	1.1949 mL
10 mM	0.0597 mL	0.2987 mL	0.5974 mL
50 mM	0.0119 mL	0.0597 mL	0.1195 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

Ziegler A, et al. Interaction of the protein transduction domain of HIV-1 TAT with heparan sulfate: binding mechanism and thermodynamic parameters. Biophys J. 2004 Jan;86(1 Pt 1):254-63.

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