

TAT-SAM $\beta$ A

## Chemical Properties

CAS No. :

Formula: C118H195N51O31

Molecular Weight: 2824.13

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-SAM $\beta$ A, an RNAENFDRF (SAM $\beta$ A) peptide conjugated to the TAT 47-57 protein-derived cell-penetrating peptide, acts as a selective antagonist of the Mfn1- $\beta$ IIPKC association. It has been shown to protect mouse embryonic fibroblast cells (MEFs) from cytotoxicity induced by oxidative stress [1].
Targets(IC50)	PKC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3541 mL	1.7705 mL	3.5409 mL
5 mM	0.0708 mL	0.3541 mL	0.7082 mL
10 mM	0.0354 mL	0.177 mL	0.3541 mL
50 mM	0.0071 mL	0.0354 mL	0.0708 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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