

## Tat-NR2Baa TFA

## Chemical Properties

CAS No. :

Formula: C105H185F3N42O31

Molecular Weight: 2588.85

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-NR2BAA TFA serves as the inactive control peptide for Tat-NR2B9c, featuring a comparable sequence with a crucial distinction: a double-point mutation in its COOH-terminal tSXV motif. This alteration renders Tat-NR2BAA TFA unable to bind to PSD-95, in contrast to Tat-NR2B9c. The latter is a membrane-permeant peptide that impedes PSD-95/NMDAR interaction, specifically detaching NR2B- and/or NR2A-type NMDARs from PSD-95 [1].
Targets(IC50)	NO Synthase,iGluR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3863 mL	1.9314 mL	3.8627 mL
5 mM	0.0773 mL	0.3863 mL	0.7725 mL
10 mM	0.0386 mL	0.1931 mL	0.3863 mL
50 mM	0.0077 mL	0.0386 mL	0.0773 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.

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