

TAT-GluA2 3Y acetate(1404188-93-7 free base)

Chemical Properties

CAS No. :

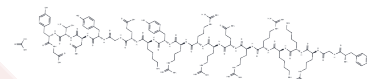
Formula: C115H185N43O29

Molecular Weight: 2634.02

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-GluA2 3Y acetate is an inhibitor of AMPA receptor endocytosis. Systemic administration of Tat-GluA2(3Y) during the induction phase of d-amphetamine blocked maintenance of behavioural sensitization and attenuated the maintenance of neurochemical sensitization of rat.
Targets(IC50)	GluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3796 mL	1.8982 mL	3.7965 mL
5 mM	0.0759 mL	0.3796 mL	0.7593 mL
10 mM	0.038 mL	0.1898 mL	0.3796 mL
50 mM	0.0076 mL	0.038 mL	0.0759 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

Choi FY, et al. Interference with AMPA receptor endocytosis: effects on behavioural and neurochemical correlates of amphetamine sensitization in male rats. J Psychiatry Neurosci. 2014 May;39(3):189-99.

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