

JTP10- Δ -TATi TFA

Chemical Properties

CAS No. :

Formula: C120H213F3N48O28

Molecular Weight: 2833.28

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	JTP10- Δ -TATi TFA is a selective inhibitor of JNK2 peptide (IC50: 92 nM), demonstrating 10-fold selectivity for JNK2 over JNK1 and JNK3.
Targets(IC50)	JNK
In vitro	JTP10- Δ -TATi TFA inhibits the migration of PyVMTjnk2-/- cells expressing GFP-JNK2 α and PyVMTjnk2+/+ cells.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3529 mL	1.7647 mL	3.5295 mL
5 mM	0.0706 mL	0.3529 mL	0.7059 mL
10 mM	0.0353 mL	0.1765 mL	0.3529 mL
50 mM	0.0071 mL	0.0353 mL	0.0706 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

Tamer S. Kao, et al. Development of JNK2-selective peptide inhibitors that inhibit breast cancer cell migration. ACS Chem Biol. 2011 Jun 17;6(6):658-66.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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