

JTP10- $\Delta$ -R9 TFA

## Chemical Properties

CAS No. :

Formula: C119H214F3N53O26

Molecular Weight: 2860.31

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- $\Delta$ -R9 TFA is a selective inhibitor of the JNK2 peptide (IC50: 89 nM), demonstrating 10-fold higher selectivity for JNK2 over JNK1 and JNK3.
Targets(IC50)	JNK
In vitro	JTP10- $\Delta$ -R9 TFA inhibits the migration of PyVMTjnk2-/- cells expressing (GFP-JNK2 $\alpha$ ) and PyVMTjnk2+/+ cells.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3496 mL	1.7481 mL	3.4961 mL
5 mM	0.0699 mL	0.3496 mL	0.6992 mL
10 mM	0.035 mL	0.1748 mL	0.3496 mL
50 mM	0.007 mL	0.035 mL	0.0699 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.

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