

JTP10- Δ -TATi TFA

Cat. No.:	HY-P2246
Molecular Formula:	C ₁₂₀ H ₂₁₃ F ₃ N ₄₈ O ₂₈
Molecular Weight:	2833.28
Sequence Shortening:	Ac-PKRPTTLNLF-{Ahx}-RRRQRRKRG-NH2
Target:	JNK
Pathway:	MAPK/ERK Pathway
Storage:	Sealed storage, away from moisture and light, under nitrogen Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

BIOLOGICAL ACTIVITY

Description	JTP10- Δ -TATi TFA is a selective JNK2 peptide inhibitor, with an IC ₅₀ of 92 nM, exhibiting 10-fold selectivity for JNK2 over JNK1 and JNK3 ^[1] .		
IC₅₀ & Target	JNK2 92 nM (IC ₅₀)	JNK1 1.16 μ M (IC ₅₀)	JNK3 1.2 μ M (IC ₅₀)
In Vitro	JTP10- Δ -TATi TFA inhibits the migration of PyVMTjnk ^{2+/+} cells and PyVMTjnk ^{2-/-} cells expressing GFP-JNK2 α ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.		

REFERENCES

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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