



Product Information

JNK-c-Jun inhibitor TCS JNK 6o, Purity $\geq 98\%$

Cat. No.: X23-10-ZQ947

Size: 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

CAS Number: 894804-07-0

Compound CID: 11624601

Synonym: JNK Inhibitor VIII; 894804-07-0; TCS JNK 6o; *N*

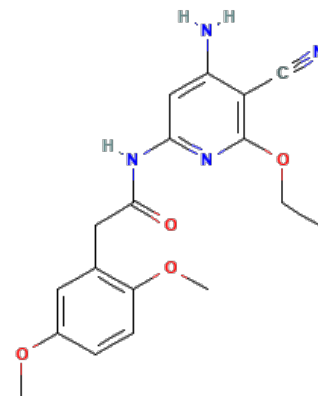
-(4-Amino-5-cyano-6-ethoxypyridin-2-yl)-2-(2,5-dimethoxyphenyl)acetamide;

aminopyridine deriv. 2; TCS JNK 6o(JNK Inhibitor VIII); *N*

-(4-Amino-5-cyano-6-ethoxy-2-pyridinyl)-2,5-dimethoxybenzeneacetamide; JNK-c-Jun

inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	TCS JNK 6o, soluble in DMSO and insoluble in ethanol and water, is an inhibitor of c-jun N-terminal kinase (JNK) signaling. It targets JNK1 and JNK2.
Molecular Weight	356.38
Molecular Formula	C ₁₈ H ₂₀ N ₄ O ₄
Targets	JNK1: 45 nM; JNK2: 160 nM
IUPAC Name	<i>N</i> -(4-Amino-5-cyano-6-ethoxypyridin-2-yl)-2-(2,5-dimethoxyphenyl)acetamide
InChI	InChI=1S/C18H20N4O4/c1-4-26-18-13(10-19)14(20)9-16(22-18)21-17(23)8-11-7-12(24-2)5-6-15(11)25-3/h5-7,9H,4,8H2,1-3H3,(H3,20,21,22,23)
InChI Key	KQMPRSZTUSSXND-UHFFFAOYSA-N
Canonical SMILES	CCOC1=C(C(=CC(=N1)NC(=O)CC2=C(C=CC(=C2)OC)OC)N)C#N
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	DMSO: 67 mg/mL (188 mM); Water: Insoluble; Ethanol: Insoluble
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	TCS JNK 6o can be used to explore the role of JNK in cellular processes by inhibiting JNK activity.
Storage	Store at -20°C.



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