



Product Information

JNK-c-Jun inhibitor JNK-IN-7, Purity $\geq 98\%$

Cat. No.: X23-10-ZQ933

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

MDL: MFCD25976765

CAS Number: 1408064-71-0

Compound CID: 57340685

Synonym: JNK-IN-7; 1408064-71-0; JNK inhibitor;

(*E*)-3-(4-(Dimethylamino)but-2-enamido)-*N*

-(4-((4-(pyridin-3-yl)pyrimidin-2-yl)amino)phenyl)benzamide;

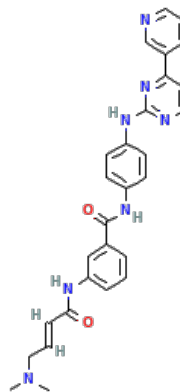
3-[[(*E*)-4-(Dimethylamino)but-2-enoyl]amino]-*N*

-[4-[(4-pyridin-3-ylpyrimidin-2-yl)amino]phenyl]benzamide;

3-(4-(Dimethylamino)but-2-enamido)-*N*

-(4-((4-(pyridin-3-yl)pyrimidin-2-yl)amino)phenyl)benzamide; JNK-c-Jun inhibitor

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



Product Information

Description	JNK-IN-7 is an inhibitor of c-jun N-terminal kinase (JNK) signaling.
Molecular Weight	493.56
Molecular Formula	C ₂₈ H ₂₇ N ₇ O ₂
IUPAC Name	3-[[(<i>E</i>)-4-(Dimethylamino)but-2-enoyl]amino]- <i>N</i> -[4-[(4-pyridin-3-ylpyrimidin-2-yl)amino]phenyl]benzamide
InChI	InChI=1S/C28H27N7O2/c1-35(2)17-5-9-26(36)31-24-8-3-6-20(18-24)27(37)32-22-10-12-23(13-11-2)33-28-30-16-14-25(34-28)21-7-4-15-29-19-21/h3-16,18-19H,17H2,1-2H3,(H,31,36)(H,32,37)(H,30,33,34)/b9-5+
InChI Key	RADRIIWGHYFWPP-WEVVVXLNSA-N
Canonical SMILES	CN(C)CC=CC(=O)NC1=CC=CC(=C1)C(=O)NC2=CC=C(C=C2)NC3=NC=CC(=N3)C4=CN=CC=C4
Isomeric SMILES	CN(C)C/C=C/C(=O)NC1=CC=CC(=C1)C(=O)NC2=CC=C(C=C2)NC3=NC=CC(=N3)C4=CN=CC=C4
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.



Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	JNK-IN-7 serves as a research tool to investigate the inhibition of JNK and its downstream effects in apoptosis and inflammation.
Storage	Store at -20°C.
