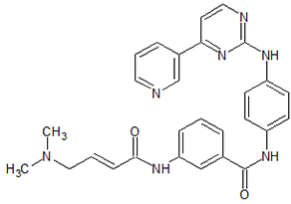


Product Name	: JNK-IN-7	
Synonyms	: JNK-IN-7; JNK inhibitor; JNKIN7; JNK IN 7	
Cat No.	: M17280	
CAS Number	: 1408064-71-0	
Molecular Formula	: C ₂₈ H ₂₇ N ₇ O ₂	
Formula Weight	: 493.56	
Chemical Name	3-[[[E]-4-(Dimethylamino)but-2-enoyl]amino]-N-[4-[(4-pyridin-3-yl)pyrimidin-2-yl]amino]phenyl]benzamide	
Description	JNK-IN-7 is a relatively selective JNKs inhibitor (IC ₅₀ = 1.54/1.99/0.75 for JNK1/2/3); also bound to IRAK1, PIK3C3, PIP5K3 and PIP4K2C.	
Pathway	Others	
Target	Other Targets	
Receptor	JNK1; JNK2; JNK3	
Solubility	DMSO : 33.33 mg/mL. 67.53 mM; H ₂ O : < 0.1 mg/mL	
SMILES	<chem>C(=O)(Nc1cccc(c1)C(=O)Nc1ccc(cc1)Nc1nccc(n1)c1cnccc1)/C=C/CN(C)C</chem>	
Storage	(-20°C)	
Stability	≥ 2 years	
Reference		

1. Zhang T, et al. Chem Biol, 2012, 19(1): 140-154.