

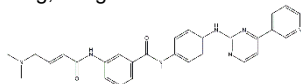
PRODUCT: JNK-IN-7

ALTERNATE NAMES: JNK-IN7; JNKIN-7; JNKIN7; JNK IN 7; 3-[[[E)-4-(dimethylamino)but-2-enoyl]amino]-N-[4-[(4-pyridin-3-ylpyrimidin-2-yl)amino]phenyl]benzamide

CATALOG#: B1695-1, -5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₈H₂₇N₇O₂

MOLECULAR WEIGHT: 493.56

CAS NUMBER: 1408064-71-0

APPEARANCE: Solid powder

SOLUBILITY: DMSO

PURITY: >98%

STORAGE: Dry, dark and at 4°C for short term (days to weeks) or at -20°C for long term. Protect from air and light.

DESCRIPTION: JNK-IN-7 is a selective JNK inhibitor with IC₅₀ values of 1.54 nM, 1.99 nM, 0.75 nM to JNK1, JNK2, JNK3, respectively. It also inhibits phosphorylation of c-Jun, which is a direct substrate of JNK kinase.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

REFERENCES:

1. Zhang T et al. Discovery of potent and selective covalent inhibitors of JNK. Chem Biol. 2012 Jan 27;19(1):140-54.
2. Goh ET et al. Identification of the protein kinases that activate the E3 ubiquitin ligase Pellino 1 in the innate immune system. Biochem J. 2012 Jan 1;441(1):339-46.

RELATED PRODUCTS:

- Active JNK1 (Cat. No. 7757-5, 100)
- JNK Activated lysate (Cat. No. 7032-1)
- JNK Negative Control Lysate (Cat. No. 7031-1)
- JNK Antibody (Cat. No. 3701-100)
- Phospho-JNK/SAPK Antibody (Cat. No. 3589-100)
- L-JNK Peptide Inhibitor I (Cat. No. 7011-50)
- L-JNK1 Negative Control Peptide (Cat. No. 7021-50)
- KinaseSTAR® JNK Activity Assay Kit (Cat. No. K431-40)
- KinaseSTAR® JNK Activity Screening Kit (Cat. No. K430-40)
- SP600125 (Cat. No. 1669-5)

USAGE: *FOR RESEARCH USE ONLY! Not to be used in humans*