

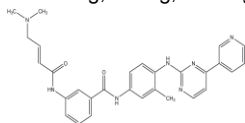
Product: JNK-IN-8

ALTERNATE NAME: (E)-3-(4-(dimethylamino)but-2-enamido)-N-(3-methyl-4-(4-(pyridin-3-yl)pyrimidin-2-ylamino)phenyl)benzamide

CATALOG #: 2729-5, 25, 100

AMOUNT: 5 mg, 25 mg, 100 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₉H₂₉N₇O₂

MOLECULAR WEIGHT: 507.59

CAS NUMBER: 1410880-22-6

APPEARANCE: White solid

SOLUBILITY: DMSO (>50 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from air and light

DESCRIPTION: JNK-IN-8 is a potent and irreversible JNK inhibitor that inhibits the phosphorylation of c-Jun. It inhibits JNK1, JNK2 and JNK4 with IC₅₀ values of 4.7 nM, 18.7 nM and 1 nM, respectively.

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

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

RELATED PRODUCTS:

AS601245 (Cat. No. 2162-1,5)

L-JNK Inhibitor I (Cat. No. 7011-50)

L-JNK Inhibitor negative control (Cat. No. 7021-50)

SP600125 (Cat. No. 1669-5)

FOR RESEARCH USE ONLY! Not to be used on humans.