

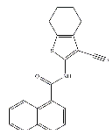
PRODUCT: TCS JNK 5a

ALTERNATE NAMES: JNK Inhibitor IX; N-(3-cyano-4,5,6,7-tetrahydro-1-benzothiophen-2-yl)naphthalene-1-carboxamide

CATALOG#: B1688-5, -25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₀H₁₆N₂OS

MOLECULAR WEIGHT: 332.42

CAS NUMBER: 312917-14-9

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: TCS JNK 5a (JNK Inhibitor IX) is a selective inhibitor of JNK2 and JNK3; displays no significant activity at a range of other protein kinases including EGFR, ErbB2, cdk2, PLK-1 and Src (pIC₅₀ < 5.0).

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

REFERENCES: 1. Angell RM, et al. N-(3-Cyano-4,5,6,7-tetrahydro-1-benzothien-2-yl) amides as potent, selective, inhibitors of JNK2 and JNK3. Bioorg Med Chem Lett. 2007 Mar 1;17(5):1296-301.

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*