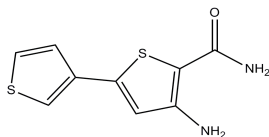


**PRODUCT: SC-514****ALTERNATE NAME:** 5-(Thien-3-yl)-3-aminothiophene-2-carboxamide**CATALOG #:** 2442-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>9</sub>H<sub>6</sub>N<sub>2</sub>OS<sub>2</sub>**MOLECULAR WEIGHT:** 224.30**CAS No.** 354812-17-2**APPEARANCE:** Yellow solid**Solubility:** DMSO (~25 mg/ml)**PURITY:** ≥98% by TLC**STORAGE:** Store at -20°C. Protect from light and air**DESCRIPTION:** A reversible, competitive inhibitor of IKK2 (IC<sub>50</sub> = 11.2 μM). Does not inhibit other IKK isoforms, or other kinases. Displays dose-dependent inhibition of the transcription of NK-κB dependent genes in cell culture.**REFERENCES:** Kishore, N., *et al.* (2003). *J. Biol. Chem.* **278**, 32861-32871.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Andrographolide (Cat. No. 2389-50, 250)

BAY 11-7082 (Cat. No. 1867-10, 50)

Celastrol (Cat. No. 1940-5, 25)

Honokiol (Cat. No. 1762-10, 50)

ML130 (Cat. No. 1974-5, 25)

NSC 146109 hydrochloride (Cat. No. 1907-5)

Nutlin-3 (Cat. No. 1842-1, 5)

Parthenolide (Cat. No. 1868-10,50)

PDTC (Cat. No. 1676-100)

Rocaglamide (Cat. No. 1863-100)

Sauchinone (Cat. No. 2312-1, 5)

TPCA-1 (Cat. No. 2431-5, 25)

Triptolide (Cat. No. 1761-1,5)

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