

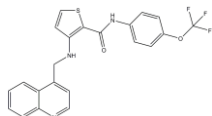
PRODUCT: OSI-930

ALTERNATE NAMES: OSI930; OSI 930; 3-((quinolin-4-ylmethyl)amino)-N-(4-(trifluoromethoxy)phenyl)thiophene-2-carboxamide

CATALOG#: B1712-5, -25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₂H₁₆F₃N₃O₂S

MOLECULAR WEIGHT: 443.44

CAS NUMBER: 728033-96-3

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: OSI-930 is a potent inhibitor of receptor tyrosine kinases with IC₅₀ values of 80 nM, 9 nM, 8 nM, 15 nM, 41 nM and 22 nM for c-Kit, KDR, Flt, CSF-1R, c-Raf and Lck respectively.

REFERENCES:

1. Garton AJ et al. OSI-930: a novel selective inhibitor of Kit and kinase insert domain receptor tyrosine kinases with antitumor activity in mouse xenograft models. *Cancer Res.* 2006 Jan 15;66(2):1015-24.
2. Lin HL et al. Inactivation of cytochrome P450 (P450) 3A4 but not P450 3A5 by OSI-930, a thiophene-containing anticancer drug. *Drug Metab Dispos.* 2011 Feb;39(2):345-50.

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

RELATED PRODUCTS:

- Alsterpaullone (Cat. No. 1897-1, 5)
- AZD-6244 (Cat. No. 2234-5, 25)
- BIX01289 (Cat. No. 2670-1, 5)
- Butyrolactone I (Cat. No. 1690-200)
- Doramapimod (Cat. No. 1954-5, 25)
- Flavopiridol (Cat. No. 2090-1, 5)
- 10Z-Hymenialdisine (Cat. No. 2212-250, 1000)
- Kenpaullone (Cat. No. 1904-1)
- MEK-162 (Cat. No. 2254-5, 25)
- PD1834352 (CI-1040) (Cat. No. 1585-1, 5, 25)
- EZSolution™ PD184352 (Cat. No. 1871-1)
- PD325901 (Cat. No. 1643-2, 5, 25)
- PD98059 (Cat. No. 1666-5)
- EZSolution™ PD98059 (Cat. No. 1783-5)
- RO-3306 (Cat. No. 2039-1, 5)
- Roscovitine (Cat. No. 1950-1, 5)
- SB 203580 (Cat. No. 1712-1, 5)
- EZSolution™ SB203580 (1786-1)
- SB202190 (Cat. No. 2493-5, 25)
- Sorafenib (Cat. No. 1594-25, 100)
- TAK733 (Cat. No. 2460-5, 25)
- TG003 (Cat. No. 1905-5, 25)
- 7, 3', 4'-Trihydroxyisoflavone (1886-25, 100)
- U0126 (Cat. No. 1668-5)
- VX-702 (Cat. No. 1598-1, 5)
- VX-745 (Cat. No. 2812-5, 25)

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