

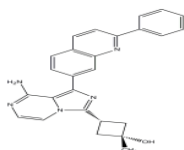
PRODUCT: Linsitinib, Free base

ALTERNATE NAME: (1S,3S)-3-(8-amino-1-(2-phenylquinolin-7-yl)imidazo[1,5-a]pyrazin-3-yl)-1-methylcyclobutanol; OSI-906; OSI 906AA

CATALOG #: 2294-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₆H₂₃N₅O

MOLECULAR WEIGHT: 421.49

CAS NUMBER: 867160-71-2

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (~50 mg/ml) or Ethanol (~3 mg/ml)

PURITY: ≥99% by HPLC

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

DESCRIPTION: A potent, small-molecule dual insulin-like growth factor-1 receptor (IGF-1R)/insulin receptor (IR) kinase inhibitor. Inhibits IGF-1R and IR kinases with IC₅₀ values of 35 nM and 75 nM, respectively. Linsitinib selectively blocks the autophosphorylation of both human IGF-1R and IR, inhibits the proliferation of a variety of tumor cell lines *in vitro*, and displays robust *in vivo* anti-tumor efficacy in an IGF-1R-driven xenograft model when administered orally.

REFERENCE: Mulvihill, M.J., *et al.* (2009). *Future Med. Chem.* **1**, 1153-1171; Fox, E.M., *et al.* (2011). *Cancer Res.* **71**, 6773-6784.

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

RELATED PRODUCTS:

ABT-869 (Cat. No. 1615-1, 5)
 Angiostatin, Human (Cat. No. 4919-100, 500)
 Angiostatin, K1-3, Human (Cat. No. 4920-20, 100, 500)
 BAY 43-9006 (Cat. No. 1594-25, 100)
 BAY 43-9006, Free base (Cat. No. 2142-25, 100)
 EZSolution™ BAY 43-9006 (Cat. No. 2031-25)
 BIBF1120 (Cat. No. 2167-5, 25)
 Carbozantinib (Cat. No. 1935-5, 25)
 Cediranib (Cat. No. 1613-1, 5)
 Endostatin, human recombinant (Cat. No. 4759-20, 100, 100)
 GSK1904529A (Cat. No. 2286-5, 25)
 GW-786034 (Cat. No. 1916-5, 25)
 Motesanib (Cat. No. 2022-5, 25)
 SU 1498 (Cat. No. 1836-1, 5)
 Thiabendazole (Cat. No. 2161-1G)
 Tranilast (Cat. No. 1876-10, 50)
 SU 6668 (Cat. No. 1931-5, 25)
 Vandetanib (Cat. No. 1751-25, 100)
 Vatalanib, dihydrochloride (Cat. No. 2025-5, 25)
 Vatalanib, Free base (Cat. No. 2026-5, 25)

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