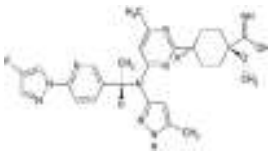
BLU-667 (Pralsetinib)

ALTERNATE NAME: cis-N-{(1S)-1-[6-(4-fluoro-1H-pyrazol-1-yl)pyridin-3-yl]ethyl}-1-methoxy-4-{4-methyl-6-[(5-methyl-1H-pyrazol-3-yl)amino]pyrimidin-2-yl}cyclohexane-1-carboxamide
Pralsetinib free base
BLU667
BLU 667

CATALOG #:
B2548-1 1 mg
B2548-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: $C_{27}H_{32}FN_9O_2$

MOLECULAR WEIGHT: 533.6

CAS NUMBER: 2097132-94-8

APPEARANCE: Crystalline solid

PURITY: ≥98% by HPLC

SOLUBILITY: >50 mg/ml DMSO

DESCRIPTION: BLU-667 (Pralsetinib) is a highly potent and selective, next generation RET inhibitor with IC_{50} of 0.3-0.4 nM for WT RET, RET mutants V804L, V804M, M918T and CCDC6-RET fusion. In vivo, BLU-667 potently inhibits growth of NSCLC and thyroid cancer xenografts driven by various RET mutations and fusions without inhibiting VEGFR2.

STORAGE TEMPERATURE: -20ºC. Protect from light

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

RELATED PRODUCTS:

Carbozantinib (1935)
SU-5416 (9491)
BBT-594 (B2114)
Lenvatinib (B1157)
Regorafenib (2891)

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