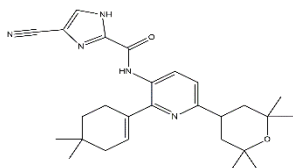


Edicotinib

ALTERNATE NAME: PRV 6527
4-cyano-N-[2-(4,4-dimethylcyclohex-1-en-1-yl)-6-(2,2,6,6-tetramethyloxan-4-yl)pyridin-3-yl]-1H-imidazole-2-carboxamide
JNJ 40346527

CATALOG #: B2382-1 1 mg
B2382-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₇H₃₅N₅O₂

MOLECULAR WEIGHT: 461.61

CAS NUMBER: 1142363-52-7

APPEARANCE: Crystalline solid

PURITY: ≥98% by HPLC

SOLUBILITY: >50 mg/ml DMSO

DESCRIPTION: Edicotinib is a potent and selective inhibitor of colony-stimulating factor-1 receptor (CSF1R; FMS) (IC₅₀ = 3.2 nM) with potent antineoplastic activity. Displays weak affinity for KIT and FLT3 (IC₅₀ = 20 nM and 190 nM, respectively).

REFERENCES: Genovese, M.C., et al. (2015). J. Rheumatol. 42, 1752-1760.

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

STORAGE TEMPERATURE: -20°C

RELATED PRODUCTS:

Vatalanib, dihydrochloride (2025)
AEE-788 (9658)
Masitinib (2007)
Vatalanib, Free base (2026)

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