

PRODUCT:**PF-04554878****ALTERNATE NAME:**

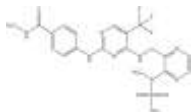
N-methyl-4-[[4-[[3-[methyl(methylsulfonyl)amino]pyrazin-2-yl]methylamino]-5-(trifluoromethyl)pyrimidin-2-yl]amino]benzamide; Defactinib; VS-6063

CATALOG #:

2888-5, 25

AMOUNT:

5 mg, 25 mg

STRUCTURE:**MOLECULAR FORMULA:**C₂₀H₂₁F₃N₈O₃S**MOLECULAR WEIGHT:**

510.49

CAS NUMBER:

1073154-85-4

APPEARANCE:

White solid

SOLUBILITY:

DMSO (~40 mg/ml)

PURITY:

≥98% by HPLC

STORAGE:

Store at -20 °C. Protect from air and light

DESCRIPTION:

PF-04554878 is potent, ATP-competitive, focal adhesion kinase (FAK) inhibitor with potential antiangiogenic and antineoplastic activities. PF-04554878 inhibits FAK phosphorylation at the Tyr397 site in a time- and dose-dependent manner. A combination of PF-04554878 and paclitaxel markedly decreases proliferation and increases apoptosis.

REFERENCES:Kang, Y., *et al.* (2013). *J. Natl. Cancer Inst.* **105**, 1485-1495.**HANDLING:**

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

RELATED PRODUCTS:

FAK antibody (Cat. No. 3399-100)

Paxillin antibody (Cat. No. 3448-100)

PF-573228 (Cat. No. 2819-10, 50)

PND 1186 (Cat. No. 2823-5, 25)

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