

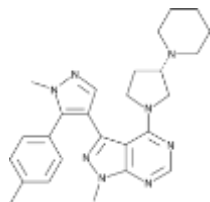
## PF-04981517

**ALTERNATE NAME:** 1-methyl-3-[1-methyl-5-(4-methylphenyl)-1H-pyrazol-4-yl]-4-[(3S)-3-(1-piperidinyl)-1-pyrrolidinyl]-1H-pyrazolo[3,4-d]pyrimidine, CYP3Cide

**CATALOG #:** 2917-5, -25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>26</sub>H<sub>32</sub>N<sub>8</sub>

**MOLECULAR WEIGHT:** 456.6

**CAS NUMBER:** 1390637-82-7

**APPEARANCE:** Crystalline Solid

**SOLUBILITY:** DMSO (~20 mg/ml) or DMF (~30 mg/ml), Ethanol (~2 mg/ml). Organic solvents should be purged with inert gas before solubilizing. Sparingly soluble in aqueous buffers. Prepare DMF stock solution and then dilute 1:1 with PBS (pH 7.2) for a final 0.5 mg/ml concentration. Do NOT store aqueous solution for > 1 day.

**PURITY:** ≥98%

**STORAGE:** -20°C for 2 years

**DESCRIPTION:** Potent and selective inhibitor of CYP3A4 (IC<sub>50</sub> = 30 nM (CYP3A4), 17 μM (CYP3A5) and 70 μM (CYP3A7).

**Reference:** Walsky et al., Drug Metab Dispos 40:1686-97 (2012)

**HANDLING:** Protect from air, light and moisture. Do not take internally. Wear gloves and mask when handling since this product is toxic to the skin or eyes!

### RELATED PRODUCTS:

Azamulin (Cat#2915)

Bromocriptine mesylate (Cat#2916)

Caffeic Acid (Cat#2006)

Itraconazole (Cat#1987)

Quercetin, Dihydrate (Cat#1773)

Quinidine Sulfate dihydrate (Cat#2910)

Resveratrol (Cat#1758)

Rosiglitazone (Cat#1559)

Thiabendazole (Cat#2161)

Cytochrome P450 3A4 (CYP3A4) Activity Assay Kit (Fluorometric) (Cat#K701)

Cytochrome P450 3A4 (CYP3A4) Inhibitor Screening Kit (Fluorometric) (Cat#K702)

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