

| Catalog | Unit |
|--------------|-------|
| TBI2626-5MG | 5 mg |
| TBI2626-25MG | 25 mg |

Product Details

Formal Name: 3-[(1R)-1-(2,6-Dichloro-3-fluorophenyl)ethoxy]-5-[1-(4-piperidinyl)-1H-pyrazol-4-yl]-2-pyridinamine

Alternate Names: PF-02341066; PF-1066

Molecular Formula: C₂₁H₂₂Cl₂FN₅O

Formula Weight: 450.34

CAS Number: 877399-52-5

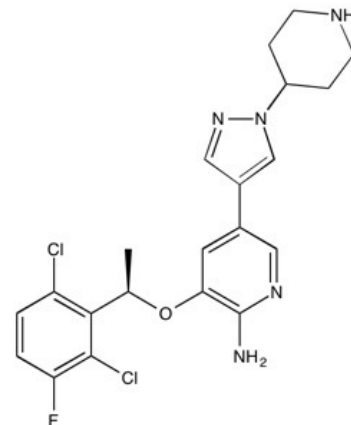
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 25 mg/ml with warming) or in Ethanol (up to 25 mg/ml with warming)

Storage: -20°C

Stability: ≥ 1 year.



Applications

c-MET and ALK inhibitor

Functions

A potent and selective inhibitor of c-MET and ALK, IC₅₀s=8 and 20 nM respectively. Inhibition of cell proliferation was associated with G1-S phase cell cycle arrest and induction of apoptosis in ALK-positive ALCL cells (IC₅₀=30 nM) but not in ALK-negative lymphoma cells. Exhibits cytoreductive antitumor efficacy via antiproliferative and antiangiogenic mechanisms. Clinically useful anticancer agent.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml with warming) or in Ethanol (up to 25 mg/ml with warming), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 2 months.

For research use only.