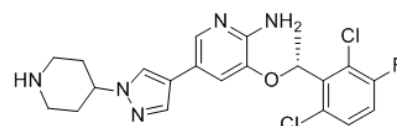


Product Name : Crizotinib hydrochloride
Cat. No. : PC-45886
CAS No. : 1415560-69-8
Molecular Formula : C₂₁H₂₃Cl₃FN₅O
Molecular Weight : 486.7976
Target : 网站目录
Solubility : DMSO: ≥ 4.6 mg/mL



H-Cl

Biological Activity

A potent, selective, orally bioavailable, ATP-competitive inhibitor of c-Met catalytic activity with K_i of 4 nM; displays >1,000-fold selective for the VEGFR2 and PDGFRβ RTKs, >250-fold selective for IRK and Lck, and ~40- to 60-fold selective for Tie2, TrkA, and TrkB; also inhibits ALK (IC₅₀=24 nM), potently inhibits c-Met phosphorylation and c-Met-dependent proliferation, migration, or invasion of human tumor cells in vitro (IC₅₀=5-20 nM); shows antitumor efficacy in tumor models at well-tolerated doses in vivo.

Lung Cancer

Approved

References

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Christensen JG, et al. Mol Cancer Ther. 2007 Dec;6(12 Pt 1):3314-22.

Knowles LM, et al. Clin Cancer Res. 2009 Jun 1;15(11):3740-50.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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