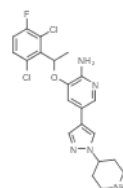


Product Name	: (S)-crizotinib
Synonyms	: (S)-Crizotinib; S-Crizotinib
Cat No.	: M17983
CAS Number	: 1374356-45-2
Molecular Formula	: C ₂₁ H ₂₂ Cl ₂ FN ₅ O
Formula Weight	: 450.34
Chemical Name	: 3-[(1S)-1-(2,6-Dichloro-3-fluorophenyl)ethoxy]-5-[1-(4-piperidinyl)-1H-pyrazol-4-yl]-2-pyridinamine
Description	: (S)-Crizotinib is an MTH1 inhibitor. By inhibiting MTH1, (S)-Crizotinib disrupts nucleotide pool homeostasis, induces an increase in DNA single-strand breaks, activates DNA repair in human colon carcinoma cells, and effectively suppresses tumor growth in animal models.
Pathway	: GPCR/G Protein
Target	: Calcium Channel
Receptor	: MTH1
Solubility	: —
SMILES	: <chem>ClC@@H](c1c(ccc(c1Cl)F)Cl)Oc1c(ncc(c1)c1cn(nc1)C1CCNCC1)N</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Huber KV, et al. Nature. 2014 , 508(7495), 222-227.