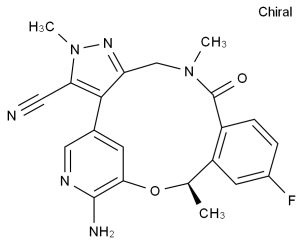
Product Name	:	Lorlatinib
Synonyms	:	PF-06463922;PF 06463922;PF06463922
Cat No.	:	M11964
CAS Number	:	1454846-35-5
Molecular Formula	:	C21H19FN6O2
Formula Weight	:	406.41



Chemical Name	:	2H-4,8-Methenopyrazolo[4,3-h][2,5,11]benzoxadiazacyclotetradecine-3-carbonitrile, 7-amino-12-fluoro-10,15,16,17-tetrahydro-2,10,16-trimethyl-15-oxo-, (10R)-
Description	:	A novel CNS-penetrant, ATP-competitive inhibitor of ALK/ROS1 with IC50 of 0.07/0.025 nM respectively; also inhibits ALK L1196M (IC50=0.7 nM) and exhibits selectivity >100-fold for ROS1 over 204 kinases; inhibits crizotinib-resistant mutant ROS1G2032R and ROS1L2026M and orally available in vivo.Lung Cancer Phase 3 Clinical
Pathway	:	Angiogenesis
Target	:	ALK
Receptor	:	ALK;ALK(L1196M);LTK(TYK1);ROS1
Solubility	:	DMSO: ≥ 28 mg/mL
SMILES	:	N#CC1=C(C(CN2C)=NN1C)C3=CN=C(N)C(O[C@H](C)C4=CC(F)=CC=C4C2=O)=C3
Storage	:	(-20℃)
Stability	:	≥ 2 years
Reference	:	

1. Zou HY, et al. Proc Natl Acad Sci U S A. 2015 Mar 17;112(11):3493-8.| 2. Johnson TW, et al. J Med Chem. 2014 Jun 12;57(11):4720-44.| 3. Infarinato NR, et al. Cancer Discov. 2016 Jan;6(1):96-107.