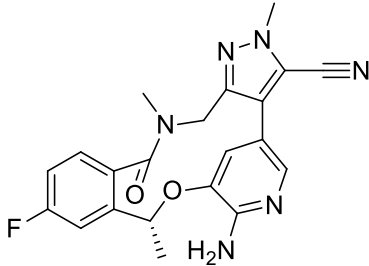




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
406533	Lorlatinib (PF-06463922)	T20D09P21

Chemical name	
(10R)-7-Amino-12-fluoro-2,10,16-trimethyl-15-oxo-10,15,16,17-tetrahydro-2H-8,4-(metheno)pyrazolo[4,3-h][2,5,11]-benzoxadiazacyclotetradecine-3-carbonitrile.	
Synonyms	
PF06463922; PF 06463922; PF-06463922; PF-6463922; PF6463922; PF 6463922; Lorlatinib; Lorbrena.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 406533 Name: Lorlatinib (PF-06463922) CAS#: 1454846-35-5 Lot#: T20D09P21 Chemical Formula: C ₂₁ H ₁₉ FN ₆ O ₂ Exact Mass: 406.15535 Molecular Weight: 406.41

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>99.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE