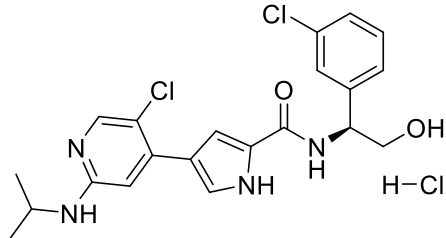




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
206798	Ulixertinib HCl	A8T01K15

Chemical name	
(S)-4-(5-chloro-2-(isopropylamino)pyridin-4-yl)-N-(1-(3-chlorophenyl)-2-hydroxyethyl)-1H-pyrrole-2-carboxamide hydrochloride.	
Synonyms	
BVD-523, BVD 523, BVD523, VRT752271, VRT752271, VRT 752271, Ulixertinib hydrochloride	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 206798 Name: Ulixertinib HCl Lot#: A8T01K15 CAS#: 1956366-10-1 (HCl) Chemical Formula: C ₂₁ H ₂₃ Cl ₃ N ₄ O ₂ Molecular Weight: 469.791

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