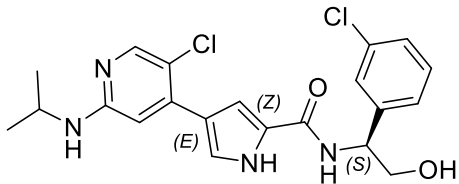




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#
406561	Ulixertinib	XPR70221

Chemical name	
(S)-4-(5-chloro-2-(isopropylamino)pyridin-4-yl)-N-(1-(3-chlorophenyl)-2-hydroxyethyl)-1H-pyrrole-2-carboxamide.	
Synonyms	
Ulixertinib; VRT752271; VRT-752271; VRT 752271; UNII-16ZDH5001U; SureCN14211742; 16ZDH5001U; QC-10489; BCP0726000085; KB-289695.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 406561 Name: Ulixertinib CAS#: 869886-67-9 Lot#: XPR70221 Chemical Formula: C ₂₁ H ₂₂ Cl ₂ N ₄ O ₂ Exact Mass: 432.11198 Molecular Weight: 433.33

Analysis item	Specification/ Results
Appearance	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
Self life	At least 5 years if properly stored.

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