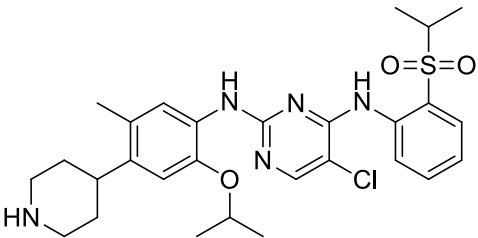




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#
205511	Ceritinib (LDK378)	TZC50505

Chemical name	
5-chloro-N2-(2-isopropoxy-5-methyl-4-(piperidin-4-yl)phenyl)-N4-(2-(isopropylsulfonyl)phenyl)pyrimidine-2,4-diamine	
Synonyms	
LDK-378; LDK378; LDK 378; Ceritinib; brand name: Zykadia.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 205511 Name: Ceritinib CAS#: 1032900-25-6 Lot#TZC50505 Chemical Formula: C ₂₈ H ₃₆ ClN ₅ O ₃ S Exact Mass: 557.22274 Molecular Weight: 558.14

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%
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