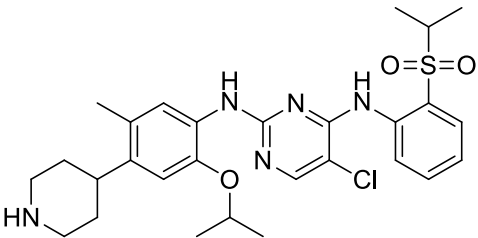




Certificate of Analysis

| | | |
|---------------------|----------------------|-------------|
| MedKoo Cat#: | Product Name: | Lot# |
| 205511 | Ceritinib (LDK378) | CRB40123 |

| | |
|---|---|
| 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# CRB40123 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