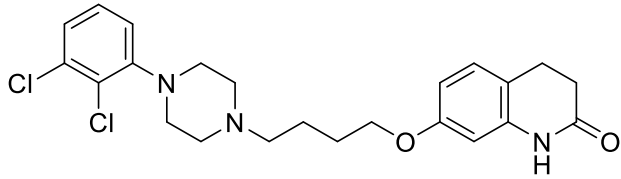




Certificate of Analysis

| | | |
|---------------------|----------------------|--------------|
| MedKoo Cat#: | Product Name: | Lot#: |
| 317201 | Aripiprazole | C20B09B29 |

| | |
|---|---|
| Chemical name | |
| 7-[4-[4-(2,3-dichlorophenyl)piperazin-1-yl]butoxy]-3,4-dihydro-1H-quinolin-2-one | |
| Synonyms | |
| OPC-14597; OPC 14597; OPC14597; Abilify; Abilitat; Abilify Discmelt. | |
| Chemical structure | CAS# and Theoretical analysis |
|  | MedKoo Cat#: 317201 Name: Aripiprazole CAS#: 129722-12-9 (free base) Lot#: C20B09B29 Chemical Formula: C ₂₃ H ₂₇ Cl ₂ N ₃ O ₂ Exact Mass: 447.14803 Molecular Weight: 448.39 |

| 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) | >98.0% |
| 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