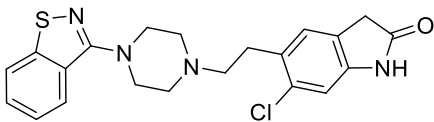


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
318996	Ziprasidone free base	A21T03K24

Chemical name	
5-[2-[4-(1,2-benzothiazol-3-yl)piperazin-1-yl]ethyl]-6-chloro-1,3-dihydroindol-2-one	
Synonyms	
CP88059; CP-88059; CP 88059; CP-88,059; CP-88,059-01; CP88059 hydrochloride; Ziprasidone HCl, brand name: Geodon; Zeldox; Zipwell.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 318996 Name: Ziprasidone free base CAS#: 146939-27-7 (free base) LOT#: A21T03K24 Chemical Formula: C ₂₁ H ₂₁ C ₁ N ₄ OS Exact Mass: 412.11246 Molecular Weight: 412.94

Analysis item	Specifications / Results
Appearance	Brownish red 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