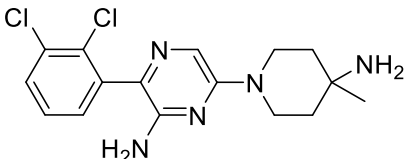




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
407376	SHP099 free base	Y8X11M28

Chemical name	
6-(4-amino-4-methylpiperidin-1-yl)-3-(2,3-dichlorophenyl)pyrazin-2-amine	
Synonyms	
SHP099; SHP-099; SHP 099	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 407376 Name: SHP099 free base CAS#: 1801747-42-1 (free base) Lot#: Y8X11M28 Chemical Formula: C ₁₆ H ₁₉ Cl ₂ N ₅ Exact Mass: 351.1018 Molecular Weight: 352.26

Analysis item	Specifications / Results
Appearance	Light yellow to yellow 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)	>97.0%
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