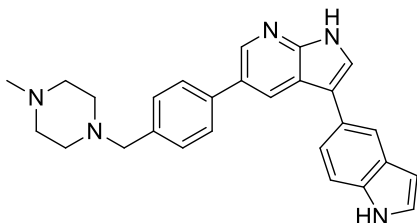


# Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
510349	URMC-099	A9T03K12

Chemical name	
3-(1H-indol-5-yl)-5-(4-((4-methylpiperazin-1-yl)methyl)phenyl)-1H-pyrrolo[2,3-b]pyridine	
Synonyms	
URMC099; URMC 099; URMC-099.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 510349 Name: URMC-099 CAS#: 1229582-33-5 Lot#: A9T03K12 Chemical Formula: C <sub>27</sub> H <sub>27</sub> N <sub>5</sub> Exact Mass: 421.22665 Molecular Weight: 421.55

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	<sup>1</sup> 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
Self life	At least 5 years if properly stored.

**CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE**