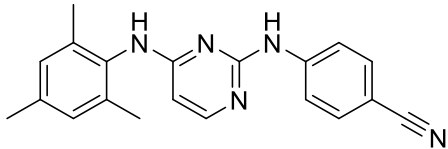




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
317132	Dapivirine	BBC60905

Chemical name	
4-[[4-[(2,4,6-Trimethylphenyl)amino]-2-pyrimidinyl]amino]benzonitrile	
Synonyms	
TMC120; TMC 120; TMC-120; R 147681; R-147681; R147681; Dapivirine.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 317132 Name: Dapivirine CAS#: 244767-67-7 Lot#: BBC60905 Chemical Formula: C ₂₀ H ₁₉ N ₅ Exact Mass: 329.16405 Molecular Weight: 329.41

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)	>99.0%
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