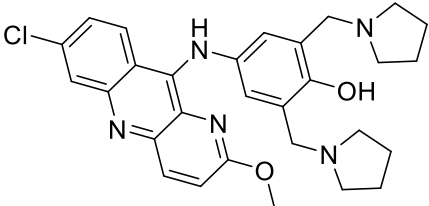


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
319915	Pyronaridine	A20T09K24

Chemical name	
2-Methoxy-7-chloro-10-(3',5'-bis(pyrrolin-1-ylmethyl)-4'-hydroxyphenylamino)benzo(b)-1,5-naphthyridine	
Synonyms	
Pyronaridine; Malaridine; Benzonaphthyridine 7351	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 319915 Name: Pyronaridine CAS#: 74847-35-1 Lot#: A20T09K24 Chemical Formula: C ₂₉ H ₃₂ ClN ₅ O ₂ Exact Mass: 517.2245 Molecular Weight: 518.06

Analysis item	Specifications / Results
Appearance	Orange 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