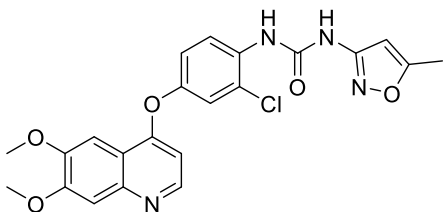


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
200955	Tivozanib	C8R02B27

Chemical name	
1-(2-chloro-4-((6,7-dimethoxyquinolin-4-yl)oxy)phenyl)-3-(5-methylisoxazol-3-yl)urea	
Synonyms	
AV951; AV-951; AV 951; KRN951; KRN 951; KRN-951, Tivozanib	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 200955 Name: Tivozanib CAS#: 475108-18-0 Lot#: C8R02B27 Chemical Formula: C ₂₂ H ₁₉ ClN ₄ O ₅ Exact Mass: 454.1044 Molecular Weight: 454.86

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