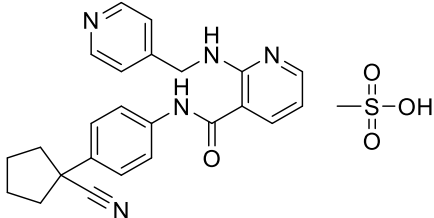




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
200135	Apatinib mesylate	Y22X09M09

Chemical name	
N-(4-(1-cyanocyclopentyl)phenyl)-2-((pyridin-4-ylmethyl)amino)nicotinamide methanesulfonate	
Synonyms	
YN-968D1; YN 968D1; YN968D1; Rivoceranib; Apatinib; Apatinib mesylate.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 200135 Name: Apatinib mesylate CAS#: 1218779-75-9 (mesylate) Lot#: Y22X09M09 Chemical Formula: C ₂₅ H ₂₇ N ₅ O ₄ S Molecular Weight: 493.58

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%
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 3 years if properly stored.

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