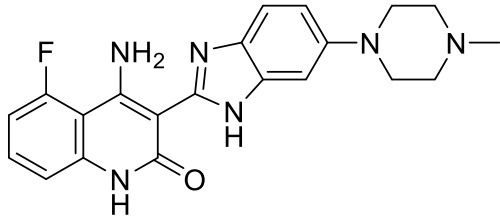




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
206984	Dovitinib free base	AB220531

Chemical name	
4-Amino-5-fluoro-3-[6-(4-methyl-1-piperazinyl)-1H-benzimidazol-2-yl]-2(1H)-quinolinon	
Synonyms	
TKI258; TKI-258; TKI 258; CHIR258; CHIR-258; CHIR 258; Dovitinib lactate	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 206984 Name: Dovitinib free base CAS#: 405169-16-6 (free base) Lot#: AB220531 Chemical Formula: C ₂₁ H ₂₁ FN ₆ O Exact Mass: 392.1761 Molecular Weight: 392.4384

Analysis item	Specifications / Results
Appearance	Light greenish yellow 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