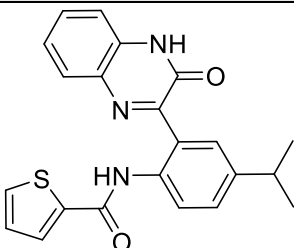




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
406783	ML-281	BBC60830

Chemical name	
N-[2-(3,4-Dihydro-3-oxo-2-quinoxaliny)-4-(1-methylethyl)phenyl]-2-thiophenecarboxamide	
Synonyms	
ML-281; ML-281; ML281.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 406783 Name: ML-281 CAS#: 1404437-62-2 Lot#: BBC60830 Chemical Formula: C ₂₂ H ₁₉ N ₃ O ₂ S Exact Mass: 389.1198 Molecular Weight: 389.47

Analysis item	Specifications / Results
Appearance	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%
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