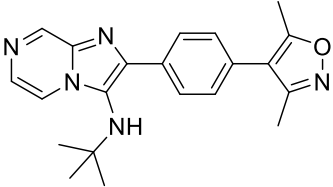




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
562148	UMB-32	C21M11C04

Chemical name	
N-(1,1-Dimethylethyl)-2-[4-(3,5-dimethyl-4-isoxazolyl)phenyl]-imidazo[1,2-a]pyrazin-3-amine	
Synonyms	
UMB-32; UMB 32; UMB32	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 562148 Name: UMB-32 CAS#: 1635437-39-6 Lot#: C21M11C04 Chemical Formula: C ₂₁ H ₂₃ N ₅ O Exact Mass: 361.1903 Molecular Weight: 361.44

Analysis item	Specifications / Results
Appearance	Brown 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)	>98.0%
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