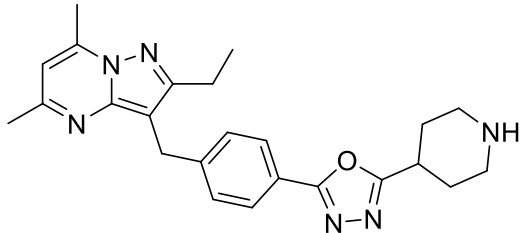




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
555805	NE 52-QQ57	T20D08P12

Chemical name	
2-(4-((2-ethyl-5,7-dimethylpyrazolo[1,5-a]pyrimidin-3-yl)methyl)phenyl)-5-(piperidin-4-yl)-1,3,4-oxadiazole	
Synonyms	
NE52-QQ57; NE-52-QQ57; NE 52-QQ57	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 555805 Name: NE 52-QQ57 CAS#: 1401728-56-0 Lot#: T20D08P12 Chemical Formula: C ₂₄ H ₂₈ N ₆ O Exact Mass: 416.2325 Molecular Weight: 416.53

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)	>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