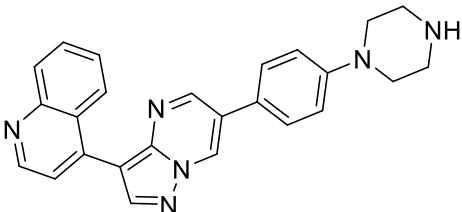




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
501105	LDN-193189	CRB61115

Chemical name	
4-[6-(4-Piperazin-1-yl-phenyl)-pyrazolo[1,5-a]pyrimidin-3-yl]-quinoline	
Synonyms	
LDN193189; LDN 193189; LDN-193189; DM-3189; DM 3189; DM3189;	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 501105 Name: LDN-193189 CAS#: 1062368-24-4 Lot#: CRB61115 Chemical Formula: C ₂₅ H ₂₂ N ₆ Exact Mass: 406.19059 Molecular Weight: 406.48

Analysis item	Specifications / Results
Appearance	Light 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
Self life	At least 5 years if properly stored.

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