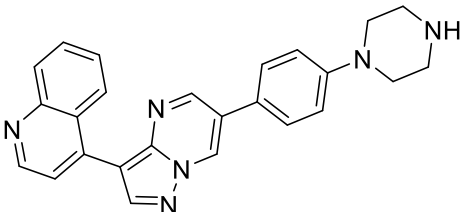




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
501105	LDN-193189	CRB51116

<b>Chemical name</b>	
4-[6-(4-Piperazin-1-yl-phenyl)-pyrazolo[1,5-a]pyrimidin-3-yl]-quinoline	
<b>Synonyms</b>	
LDN193189; LDN 193189; LDN-193189; DM-3189; DM 3189; DM3189;	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#: 501105 Name: LDN-193189 CAS#: 1062368-24-4 Lot#: CRB51116 Chemical Formula: C <sub>25</sub> H <sub>22</sub> N <sub>6</sub> Exact Mass: 406.19059 Molecular Weight: 406.48

<b>Analysis item</b>	<b>Specifications / Results</b>
<b>Appearance</b>	Light yellow solid powder
<b>Structure</b>	<sup>1</sup> 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.
<b>Purity (HPLC)</b>	>99.0%
<b>Solubility</b>	Soluble in DMSO.
<b>Conclusion</b>	This product conforms with MedKoo's quality standards
<b>Shipping condition</b>	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
<b>Storage condition</b>	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
<b>Self life</b>	At least 5 years if properly stored.

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