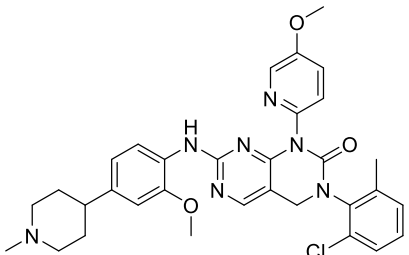




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
562115	YKL-05-099	T21D07P06

<b>Chemical name</b>	
3-(2-Chloro-6-methylphenyl)-7-((2-methoxy-4-(1-methylpiperidin-4-yl)phenyl)amino)-1-(5-methoxypyridin-2-yl)-3,4-dihydropyrimido[4,5-d]pyrimidin-2(1H)-one	
<b>Synonyms</b>	
YKL-05-099; YKL 05 099; YKL05099;	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#: 562115 Name: YKL-05-099 CAS#: 1936529-65-5 Lot#: T21D07P06 Chemical Formula: C <sub>32</sub> H <sub>34</sub> ClN <sub>7</sub> O <sub>3</sub> Exact Mass: 599.2412 Molecular Weight: 600.12

<b>Analysis item</b>	<b>Specifications / Results</b>
<b>Appearance</b>	White to off white 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>Shelf life</b>	At least 3 years if properly stored.

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