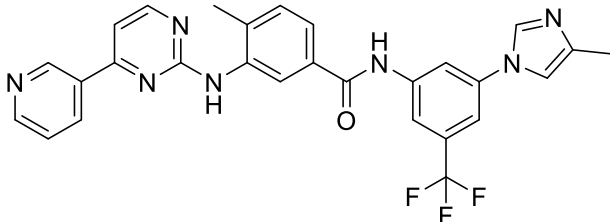




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
100952	Nilotinib free base	A9T08K09

<b>Chemical name</b>	
4-methyl-N-(3-(4-methyl-1H-imidazol-1-yl)-5-(trifluoromethyl)phenyl)-3-((4-(pyridin-3-yl)pyrimidin-2-yl)amino)benzamide	
<b>Synonyms</b>	
Nilotinib free base; AMN 107; AMN107; AMN-107; Nilotinib; US brand name: Tasigna	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#: 100952 Name: Nilotinib free base CAS#: 641571-10-0 (free base) Lot#: A9T08K09 Chemical Formula: C <sub>28</sub> H <sub>22</sub> F <sub>3</sub> N <sub>7</sub> O Exact Mass: 529.1838 Molecular Weight: 529.5272

Analysis item	Specifications / Results
<b>Appearance</b>	Off-white to 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>Shelf life</b>	At least 5 years if properly stored.

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