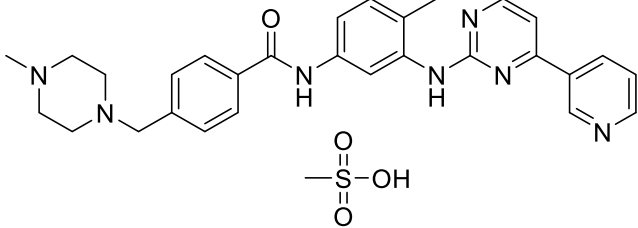




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
100470	Imatinib Mesylate	EOS41226

<b>Chemical name</b>	
N-(4-methyl-3-((4-(pyridin-3-yl)pyrimidin-2-yl)amino)phenyl)-4-((4-methylpiperazin-1-yl)methyl)benzamide methanesulfonate.	
<b>Synonyms</b>	
CGP 57148; CGP57148; CGP-57148; CGP57148B; CGP-57148B; CGP 57148B; STI571; STI-571; STI 571; Imatinib mesylate; Gleevec; Glivec	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#: 100470 Name: Imatinib Mesylate CAS#: 220127-57-1 (mesylate) Lot#: EOS41226 Chemical Formula: C <sub>30</sub> H <sub>35</sub> N <sub>7</sub> O <sub>4</sub> S Molecular Weight: 589.71

<b>Analysis item</b>	<b>Specifications / Results</b>
<b>Appearance</b>	White to off-white crystalline powder. Brown or yellow tinge possible.
<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 at 100 mg/mL; very poorly soluble in ethanol; soluble in water at 200 mg/mL
<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**