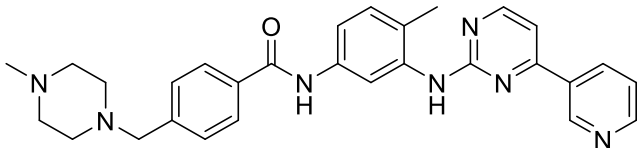




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
100956	Imatinib free base	A8T07K19

Chemical name	
N-(4-methyl-3-((4-(pyridin-3-yl)pyrimidin-2-yl)amino)phenyl)-4-((4-methylpiperazin-1-yl)methyl)benzamide	
Synonyms	
CGP 57148; CGP57148; CGP-57148; CGP57148B; CGP-57148B; CGP 57148B; STI571; STI-571; STI 571; Imatinib; US brand name: Gleevec. Foreign brand name: Glivec	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 100956 Name: Imatinib free base CAS#: 152459-95-5 (free base) Lot#: A8T07K19 Chemical Formula: C ₂₉ H ₃₁ N ₇ O Exact Mass: 493.259 Molecular Weight: 493.62

Analysis item	Specifications / Results
Appearance	White to off-white 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
Shelf life	At least 5 years if properly stored.

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