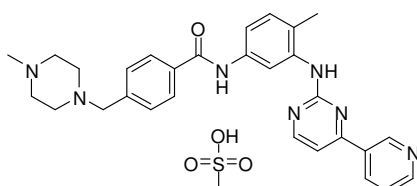




Certificate of Analysis

Axon Catalogue ID: 1394 **Batch Number:** 1
Product Name: Imatinib mesylate
Alternative Name(s): CGP 57148B; STI 571; Gleevec
IUPAC Name: N-(4-methyl-3-(4-(pyridin-3-yl)pyrimidin-2-ylamino)phenyl)-4-((4-methylpiperazin-1-yl)methyl)benzamide mesylate

Structure:



Amount:

CAS number(s): 152459-95-5 (parent), 220127-57-1 (mesylate (1:1))
Molecular Formula: C₂₉H₃₁N₇O₃ **Molecular Weight:** 589.71
Batch Molecular Formula: C₂₉H₃₁N₇O₃ **Batch Molecular Weight:** 589.71
Appearance: Off-White solid **Observed mp:** 224 °C
TLC (R_f): 0.1 DCM/MeOH (9:1)
Chemical Purity: 99.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 61.10, H 5.98, N 16.63; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	41.2	69.9	
	EtOH			Not Tested

Remarks:

QC Date: 09-03-2008

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only