Creative Enzymes®

Imatinib Mesylate

Cat. No. CEI-0271

Lot. No. (See product label)

Introduction

Description	Imatinib Mesylate inhibits c-kit, PDGFR and c-ABL by perfectly binding to adenosine triphosphate (ATP)-binding sites of the c-kit protooncogene product, platelet-derived growth factor receptor (PDGFR), and abelson kinase (c-ABL).
Synonyms	Glivec, CGP-57148B, STI-571

Product Information

CAS No.	220127-57-1
Molecular Formula	C29H31N7O.CH4SO3
Chemical Name	N-(4-methyl-3-(4-(pyridin-3-yl)pyrimidin-2-ylamino)phenyl)-4-((4-methylpiperazin-1-yl)methyl)benzamide methanesulfonic acid
Molecular Weight	589.71
Purity	>99%
Targets	v-Abl, c-Kit, PDGFR
Solubility	DMSO 118 mg/mL Water 118 mg/mL Ethanol

Storage and Shipping Information

Storage	2 years at -20centigrade Powder