

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 C₂₉H₃₁N₇O₃·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