

Imatinib Mesylate (Cas No 220127-57-1)

Imatinib Mesylate
Molecular Structure

Molecular Formula C₂₉H₃₁N₇O·CH₄O₃S

Molecular Weight 589.71

CAS Registry Number 220127-57-1

ATC code L01XE01

PubChem 5291

DrugBank APRD01028

ChemSpider 5101

Chemical data

Mol. mass 493.603 g/mol

589.7 g/mol (mesilate)

SMILES eMolecules & PubChem

Pharmacokinetic data

Bioavailability 98%

Protein binding 95%

Metabolism Hepatic (mainly CYP3A4-mediated)

Half life 18 hours (imatinib)

40 hours (active metabolite)

