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Product Datasheet

Imatinib mesylate, CAS [[220127-57-1]] FBM-10-1060

Article Name	Imatinib mesylate, CAS [[220127-57-1]]
Biozol Catalog Number	FBM-10-1060
Supplier Catalog Number	10-1060
Alternative Catalog Number	FBM-10-1060-20MG,FBM-10-1060-100MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	BCR-ABL inhibitor...
Molecular Weight	493.62 96.11
Purity	98% by TLC, NMR (Conforms)
Form	White solid
CAS Number	[220127-57-1]
Formula	C ₂₉ H ₃₁ N ₇ O CH ₃ SO ₃ H
Application Notes	Imatinib is a tyrosine kinase inhibitor specific for abl (IC ₅₀ = 0.038 μM) ¹ , PDGF-R (IC ₅₀ = 0.3 μM) ¹ and c-kit (IC ₅₀ = 0.1 μM) ² . It is a clinically useful anti-cancer drug approved for the treatment of chronic myelogenous leukemia, gastrointestinal stromal tumors as well as several other cancers.