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Product Datasheet

Atazanavir, CAS [[198904-31-3]] FBM-10-5630

Article Name	Atazanavir, CAS [[198904-31-3]]
Biozol Catalog Number	FBM-10-5630
Supplier Catalog Number	10-5630
Alternative Catalog Number	FBM-10-5630-10MG, FBM-10-5630-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	HIV-1 protease inhibitor...
Molecular Weight	704.87
Purity	>98% by HPLC NMR (Conforms)
Form	White to off-white solid
CAS Number	[198904-31-3]
Formula	C38H52N6O7
Application Notes	An azapeptide-based inhibitor of HIV protease ($K_i = 2.66 \text{ nM}$). ¹ Inhibits SARS-CoV-2 main protease ($K_i = 703 \text{ nM}$), but not papain-like protease ($K_i = 9.87 \text{ }\mu\text{M}$). ² Blocks SARS-CoV-2 replication and IL-6 / TNFalpha production in vitro. ³ Also inhibits the liver enzyme UDP-glucuronyltransferase 1A1 (UGT1A1), $\text{IC}_{50} = 160 \text{ nM}$ for recombinant UGT1A1. ⁴