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## Product Datasheet

### Lopinavir, CAS [[192725-17-0]] FBM-10-5063

Article Name	Lopinavir, CAS [[192725-17-0]]
Biozol Catalog Number	FBM-10-5063
Supplier Catalog Number	10-5063
Alternative Catalog Number	FBM-10-5063-25MG,FBM-10-5063-100MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	HIV protease inhibitor...
Molecular Weight	628.81
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[192725-17-0]
Formula	C37H48N4O5
Application Notes	Lopinavir (192725-17-0) is a potent and selective inhibitor of HIV-1 protease (IC50 = 6.5 nM, HIV cultured in peripheral blood mononuclear cells, Ki = 1.3 pM) which is highly selective over mammalian proteases. <sup>1</sup> Lopinavir suffers from poor bioavailability due to extensive cytochrome P450-mediated metabolism. Thus, combination with ritonavir suppresses metabolism and is a preferred regimen for treatment of HIV infection. <sup>2</sup> Inhibits replication of SARS CoV-2 virus in vitro, IC50 = 26.63 µM. <sup>3</sup>