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Product Datasheet

Lomitapide, CAS [[182431-12-5]] FBM-10-4664

Artikelname	Lomitapide, CAS [[182431-12-5]]
Artikelnummer	FBM-10-4664
Hersteller Artikelnummer	10-4664
Alternativnummer	FBM-10-4664-5MG,FBM-10-4664-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Microsomal triglyceride transfer protein inhibitor...
Molekulargewicht	693.73
Reinheit	>98% by HPLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[182431-12-5]
Formel	C39H37F6N3O2
Anwendungsbeschreibung	Lomitapide is a potent (IC ₅₀ = 8 nM) inhibitor of microsomal triglyceride transfer protein (MTP or MTTP) and is clinically useful in treating familial hypercholesterolemia. ^{1,2} It has displayed anticancer activity acting through various pathways including autophagy-dependent cancer cell death via direct inhibition of the kinase activity of mTORC13, activation of AMPK/Beclin1-mediated autophagy ⁴ , Notch inhibition via targeting TACE and gamma-secretase ⁵ , blocking ZDHHC5-dependent palmitoylation on SSTR56, PFKFB3 inhibition ⁷ , and PARP14/DRP1-mediated mitophagy ⁸ .