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Product Datasheet

Maraviroc, CAS [[376348-65-1]] FBM-10-4260

Artikelname	Maraviroc, CAS [[376348-65-1]]
Artikelnummer	FBM-10-4260
Hersteller Artikelnummer	10-4260
Alternativnummer	FBM-10-4260-5MG, FBM-10-4260-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	CCR5 antagonist...
Molekulargewicht	513.68
Reinheit	>98% by HPLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[376348-65-1]
Formel	C29H41F2N5O

Anwendungsbeschreibung	Potent and selective CCR5 antagonist with potent anti-HIV activity. It prevents HIV-1 gp120 binding to CCR5 preventing cell-cell fusion. Maraviroc inhibited MIP-1a (IC₅₀ = 3.3 nM), MIP-1b (IC₅₀ = 7.2 nM), and RANTES (IC₅₀ = 5.2 nM) binding to CCR5-expressing HEK-293.1 Clinically useful antiretroviral drug. Many cancer cells express CCR5: Maraviroc blocked metastasis of basal breast² and pancreatic cancer³ cells, induced cytotoxic and apoptotic effects in colorectal cancer cells⁴, reduced metastatic tumor growth in lungs⁵, and suppresses growth in acute ALL cells⁶. CCR5 inhibition with maraviroc induced macrophage repolarization with anti-tumoral effects.⁷
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