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Product Datasheet

A1120 FBM-10-5117

Artikelname	A1120
Artikelnummer	FBM-10-5117
Hersteller Artikelnummer	10-5117
Alternativnummer	FBM-10-5117-5MG,FBM-10-5117-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Non-retinoid RBP4 antagonist...
Molekulargewicht	392.38
Reinheit	>98% by HPLC NMR (Conforms)
Formulierung	Off-white solid
CAS Nummer	[1152782-19-8]
Formel	C20H19F3N2O3
Anwendungsbeschreibung	A1120 (1152782-19-8) is a high affinity ($K_i = 8.3$ nM) non-retinoid antagonist for RBP4 (retinol-binding protein 4), which disrupts the interaction between RBP4 and its binding partner transthyretin and lowers serum RBP4 levels in vivo in mice. ¹ Significantly reduces lipofuscin bisretinoid formation in the retinas of Abca4 ^{-/-} mice with potential for treatment of atrophic age-related macular degeneration. ^{2,3} Has been employed as a small molecule "On-Switch for controlling CAR T cells in conjunction with RBP4 and engineered RBP4-binders. ⁴