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Product Datasheet

ML401 FBM-10-5280

Artikelname	ML401
Artikelnummer	FBM-10-5280
Hersteller Artikelnummer	10-5280
Alternativnummer	FBM-10-5280-5MG,FBM-10-5280-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	EBI2 (GPR183) antagonist...
Molekulargewicht	419.75
Reinheit	>98% by TLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[1597489-14-9]
Formel	C ₂₀ H ₂₀ BrCIN ₂ O
Anwendungsbeschreibung	ML401 is a potent antagonist of GPR183 (IC ₅₀ = 1.03 nM), also known as EBI2 or Epstein-Barr virus-induced gene 2. ML401 inhibited 7α,25-dihydroxycholesterol-induced RS11846 cell chemotaxis, IC ₅₀ =6 nM. ¹ GPR183 is a key chemotactic receptor guiding B cell localization to appropriate microenvironments for activation and differentiation. ² It also regulates the homeostasis, localization and immunological function of splenic dendritic cells. ³ Oxysterols have been shown to be endogenous ligands for GPR183 with 7α,25-dihydroxycholesterol being the most potent (K _d =450 pM). ⁴