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Product Datasheet

ML401, CAS [[1597489-14-9]] FBM-10-5280

Artikelname	ML401, CAS [[1597489-14-9]]
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	C20H20BrCIN2O
Anwendungsbeschreibung	ML401 is a potent antagonist of GPR183 (IC50 = 1.03 nM), also known as EBI2 or Epstein-Barr virus-induced gene 2. ML401 inhibited 7alpha,25-dihydroxycholesterol-induced RS11846 cell chemotaxis, IC50=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 7alpha,25-dihydroxycholesterol being the most potent (Kd=450 pM).4