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Product Datasheet

CID16020046
FBM-10-5362

Artikelname	CID16020046
Artikelnummer	FBM-10-5362
Hersteller Artikelnummer	10-5362
Alternativnummer	FBM-10-5362-5MG,FBM-10-5362-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	GPR55 antagonist...
Molekulargewicht	425.44
Reinheit	>98% by HPLC NMR (Conforms)
Formulierung	White to off-white solid
CAS Nummer	[834903-43-4]
Formel	C ₂₅ H ₁₉ N ₃ O ₄
Anwendungsbeschreibung	CID16020046 is a selective GPR55 antagonist. ¹ In HEK293 cells expressing GPR55, the compound behaves as an antagonist on lysophosphatidylinositol (LPI)-mediated Ca ²⁺ release but was inactive on cells expressing CB1 and CB2. It blocks LPI-induced migration of colon cancer cells. ² It displays protective effects against oxidized LDL-induced inflammation ³ , mitigates advanced glycation end products-induced chondrocyte activation ⁴ , and displays anti-inflammatory effects in various cells ^{5,6} . A useful tool for studying the role of GPR55 in cellular physiology.