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Product Datasheet

CID16020046

FBM-10-5362

Article Name	CID16020046
Biozol Catalog Number	FBM-10-5362
Supplier Catalog Number	10-5362
Alternative Catalog Number	FBM-10-5362-5MG,FBM-10-5362-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	GPR55 antagonist...
Molecular Weight	425.44
Purity	>98% by HPLC NMR (Conforms)
Form	White to off-white solid
CAS Number	[834903-43-4]
Formula	C ₂₅ H ₁₉ N ₃ O ₄
Application Notes	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.