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Product Datasheet

PSB-1584

FBM-10-5373

Artikelname	PSB-1584
Artikelnummer	FBM-10-5373
Hersteller Artikelnummer	10-5373
Alternativnummer	FBM-10-5373-5MG,FBM-10-5373-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	GPR84 agonist...
Molekulargewicht	211.26
Reinheit	98% by TLC, NMR (Conforms)
Formulierung	Off-white solid
CAS Nummer	[72255-76-6]
Formel	C10H17N3O2
Anwendungsbeschreibung	GPR84 is an orphan G protein-coupled receptor that is activated by medium-chain fatty acids and hydroxyfatty acids although these may not be its endogenous agonist.¹ It is highly expressed on immune cells and expression levels rise after exposure to inflammatory stimuli.² Potent synthetic agonists enhance proinflammatory signaling and macrophage effector functions.¹ PSB-1584 is a potent synthetic exogenous agonist at GPR84, EC₅₀=5 nM which is selective against other free fatty acid receptors and is metabolically stable when incubated with human liver microsomes.³ An important new tool for studying the physiology of GPR84.⁴