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## Product Datasheet

### PSB-1584 FBM-10-5373

Article Name	PSB-1584
Biozol Catalog Number	FBM-10-5373
Supplier Catalog Number	10-5373
Alternative Catalog Number	FBM-10-5373-5MG,FBM-10-5373-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	GPR84 agonist...
Molecular Weight	211.26
Purity	98% by TLC, NMR (Conforms)
Form	Off-white solid
CAS Number	[72255-76-6]
Formula	C10H17N3O2
Application Notes	<p>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.<sup>1</sup> It is highly expressed on immune cells and expression levels rise after exposure to inflammatory stimuli.<sup>2</sup> Potent synthetic agonists enhance proinflammatory signaling and macrophage effector functions.<sup>1</sup> PSB-1584 is a potent synthetic exogenous agonist at GPR84, EC<sub>50</sub>=5 nM which is selective against other free fatty acid receptors and is metabolically stable when incubated with human liver microsomes.<sup>3</sup> An important new tool for studying the physiology of GPR84.<sup>4</sup></p>