

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

PSB-1584, CAS [[72255-76-6]] FBM-10-5373

| | |
|----------------------------|---|
| Article Name | PSB-1584, CAS [[72255-76-6]] |
| 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 | 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, EC ₅₀ =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 |