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Product Datasheet

BRD-7389 FBM-10-1424

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| Article Name | BRD-7389 |
| Biozol Catalog Number | FBM-10-1424 |
| Supplier Catalog Number | 10-1424 |
| Alternative Catalog Number | FBM-10-1424-5MG,FBM-10-1424-25MG |
| Manufacturer | Focus Biomolecules |
| Category | Biochemikalien |
| Product Description | p90 RSK inhibitor: insulin stimulator... |
| Molecular Weight | 366.42 |
| Purity | 98% by TLC, NMR (Conforms) |
| Form | Brown solid |
| CAS Number | [376382-11-5] |
| Formula | C ₂₄ H ₁₈ N ₂ O ₂ |
| Application Notes | Inhibits p90 ribosomal S6 kinase (RSK), IC ₅₀ = 1.2, 1.5 and 2.4 μM for RSK3, RSK1 and RSK2 respectively ¹ . Induces a beta-cell-like state in pancreatic alpha-cells and induces insulin expression ^{1,2} . Increases the endocrine cell content and function of donor human pancreatic islets in culture ¹ . Blocks muscarinic acetylcholine receptor-stimulated RSK activation and subsequent proliferation of SNU-407 colon cancer cells ³ . |