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Product Datasheet

BRD-7389, CAS [[376382-11-5]] FBM-10-1424

Article Name	BRD-7389, CAS [[376382-11-5]]
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 apha-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 .