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Product Datasheet

IM156, CAS [[1422365-93-2]]

FBM-10-4657

Article Name	IM156, CAS [[1422365-93-2]]
Biozol Catalog Number	FBM-10-4657
Supplier Catalog Number	10-4657
Alternative Catalog Number	FBM-10-4657-5MG, FBM-10-4657-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	AMPK activator/Mitochondrial protein complex I inhibitor...
Molecular Weight	315.30
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[1422365-93-2]
Formula	C13H16F3N5O
Application Notes	Potent activator of AMP-activated protein kinase (AMPK) showing greater activity than metformin or AICAR. ¹ It displayed protective effects in vivo against peritoneal ¹ , liver ² , renal ³ , and pulmonary fibrosis ⁴ . IM156 induces metabolic stress in Myc+ lymphoma cells by inhibiting TCA cycle metabolism and mitochondrial respiration (inhibits mitochondrial protein complex 1). ⁴ IM156 acts as an antiproliferative in several cancer models. ⁵⁻⁷