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Product Datasheet

BAM15 **FBM-10-5104**

Article Name	BAM15
Biozol Catalog Number	FBM-10-5104
Supplier Catalog Number	10-5104
Alternative Catalog Number	FBM-10-5104-5MG,FBM-10-5104-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Mitochondrial protonophore uncoupler...
Molecular Weight	340.29
Purity	98% by TLC NMR (Conforms)
Form	Pale-yellow solid
CAS Number	[210302-17-3]
Formula	C ₁₆ H ₁₀ F ₂ N ₆ O
Application Notes	A mitochondrial protonophore uncoupler with fewer off-target effects (EC₅₀ = 270 nM in L6 myoblast mitochondria.)^{1,2} Compared to FCCP, an uncoupler of equal potency, BAM15 stimulates a higher maximum rate of mitochondrial respiration and does not depolarize the plasma membrane.² Stimulates energy expenditure, protects against obesity and improves glycemic control in rodent models.³ Reverses diet-induced obesity and insulin resistance in mice.⁴ Attenuates transportation-induced apoptosis in iPS-differentiated retinal tissue.⁵