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Product Datasheet

BAM15, CAS [[210302-17-3]]

FBM-10-5104

Article Name	BAM15, CAS [[210302-17-3]]
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	C16H10F2N6O
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