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Product Datasheet

AdipoRon, CAS [[924416-43-3]] FBM-10-1483

Article Name	AdipoRon, CAS [[924416-43-3]]
Biozol Catalog Number	FBM-10-1483
Supplier Catalog Number	10-1483
Alternative Catalog Number	FBM-10-1483-10MG,FBM-10-1483-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Adiponectin agonist...
Molecular Weight	428.54
Purity	98% by TLC, NMR (Conforms)
Form	White solid
CAS Number	[924416-43-3]
Formula	C27H28N2O3
Application Notes	A novel potent and selective adiponectin (AdipoR1 and AdipoR2) receptor agonist, $K_d=1.8$ and $3.1 \mu M$ respectively ¹ . Displayed similar effects to adiponectin in muscle and liver such as activation of PPARalpha and AMPK signaling pathways. It also reversed insulin resistance and glucose intolerance in mice on a high-fat diet. It ameliorated diabetes in a genetically obese mouse model and prolonged the shortened lifespan of db/db mice on a high-fat diet ¹ . Active in vivo.