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Product Datasheet

MIF20, CAS [[1191288-81-9]] FBM-10-4393

Article Name	MIF20, CAS [[1191288-81-9]]
Biozol Catalog Number	FBM-10-4393
Supplier Catalog Number	10-4393
Alternative Catalog Number	FBM-10-4393-10MG, FBM-10-4393-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	MIF agonist...
Molecular Weight	238.25
Purity	>98% by HPLC NMR (Conforms)
Form	Olive green solid
CAS Number	[1191288-81-9]
Formula	C13H10N4O
Application Notes	MIF20 is a macrophage inhibitory factor (MIF) agonist (2.5 fold increase in MIF bound to its receptor 500 nM). ¹ It augments MIF-dependent AMPK signaling and limits ischemic cardiac injury. MIF20 protected the heart from ischemia-reperfusion injury via MIF-mediated activation of AMPK. ² It decreased infarct size and preserved systolic function. MIF20 also augments protective metabolic responses by reducing the NADH/NAD ratio leading to a decrease in the accumulation of reactive oxygen species.