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Product Datasheet

SLU-PP-332, CAS [[303760-60-3]]

FBM-10-3948

Article Name	SLU-PP-332, CAS [[303760-60-3]]
Biozol Catalog Number	FBM-10-3948
Supplier Catalog Number	10-3948
Alternative Catalog Number	FBM-10-3948-10MG, FBM-10-3948-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	pan-ERR agonist/Exercise mimetic...
Molecular Weight	290.32
Purity	>98% by HPLC , NMR (Conforms)
Form	White solid
CAS Number	[303760-60-3]
Formula	C18H14N2O2
Application Notes	Pan-agonist of the estrogen receptor-related receptors (EC50s cell-based cotransfection/reporter assay: ERR α = 98 nM, ERR β = 230 nM, ERR γ = 430 nM) with highest potency for ERR α .1,2 SLU-PP-332 increased mitochondrial function and cellular respiration in a skeletal muscle cell line. ² It also increased fast oxidative skeletal muscle fibers (Type IIa) and exercise endurance in mice in an ERR α -specific manner. SLU-PP-332 activates an acute aerobic exercise genetic response via inducing the expression of DDIT4. ²