

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

SLU-PP-332 FBM-10-3948

Article Name	SLU-PP-332
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: ERRalpha = 98 nM, ERRβ = 230 nM, ERRgamma = 430 nM) with highest potency for ERRalpha.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 ERRalpha-specific manner. SLU-PP-332 activates an acute aerobic exercise genetic response via inducing the expression of DDIT4. ²