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Product Datasheet

SLU-PP-332, CAS [[303760-60-3]] FBM-10-3948

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| 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: 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 |