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Product Datasheet

Honokiol, CAS [[35354-74-6]]

FBM-10-2311

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| Article Name | Honokiol, CAS [[35354-74-6]] |
| Biozol Catalog Number | FBM-10-2311 |
| Supplier Catalog Number | 10-2311 |
| Alternative Catalog Number | FBM-10-2311-10MG, FBM-10-2311-50MG |
| Manufacturer | Focus Biomolecules |
| Category | Biochemikalien |
| Product Description | SIRT3 activator... |
| Molecular Weight | 266.34 |
| Purity | >98% TLC/GC NMR (Conforms) |
| Form | Beige solid |
| CAS Number | [35354-74-6] |
| Formula | C18H18O2 |
| Application Notes | Honokiol is a natural product that acts as a SIRT3 activator. It increases mitochondrial oxygen consumption and reduces ROS production in wild type but not SIRT3-KO cells. ¹ It reversed cardiac hypertrophy in mice ¹ and rescued myocardial and mitochondrial energetics in type 2 diabetic rats ² . It was shown to increase SIRT3 expression in the hippocampus and attenuated surgery-induced memory loss, neuronal apoptosis, neuroinflammation and oxidative damage. ³ It increases expression of adipocyte gene markers, gene-involved lipolysis and glucose transport and in general, promotes insulin sensitivity. ⁴ |