

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

Product Datasheet

Honokiol, CAS [[35354-74-6]] FBM-10-2311

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