

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

Product Datasheet

L6H21, CAS [[24533-47-9]] FBM-10-5574

Article Name	L6H21, CAS [[24533-47-9]]
Biozol Catalog Number	FBM-10-5574
Supplier Catalog Number	10-5574
Alternative Catalog Number	FBM-10-5574-5MG,FBM-10-5574-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	MDL/TLR4 interaction inhibitor...
Molecular Weight	298.34
Purity	98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[24533-47-9]
Formula	C18H18O4
Application Notes	L6H21 binds to MD-2 (myeloid differentiation protein-2, Kd=33.3 μM) and blocks its interaction with TLR4 (toll-like receptor 4) in LPS-stimulated cells, inhibiting TNFalpha and IL-6 production. ¹ Attenuates disease progression in a high-fat diet (HFD) induced NASH mouse model. ² Inhibits obesity-induced cardiomyopathy and fibrosis. ³ Reduces ethanol plus LPS-induced liver injury via inhibition of NLRP3 inflammasome activation. ⁴ Provides cardioprotective effects ⁵ and protects against cognitive impairment and brain pathologies in HFD prediabetic rats ⁶ . Cell permeable. Active in vivo.