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Product Datasheet

L6H21 FBM-10-5574

Artikelname	L6H21
Artikelnummer	FBM-10-5574
Hersteller Artikelnummer	10-5574
Alternativnummer	FBM-10-5574-5MG,FBM-10-5574-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	MDL/TLR4 interaction inhibitor...
Molekulargewicht	298.34
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[24533-47-9]
Formel	C18H18O4
Anwendungsbeschreibung	L6H21 binds to MD-2 (myeloid differentiation protein-2, $K_d=33.3 \mu\text{M}$) 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.