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## 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. <sup>1</sup> Attenuates disease progression in a high-fat diet (HFD) induced NASH mouse model. <sup>2</sup> Inhibits obesity-induced cardiomyopathy and fibrosis. <sup>3</sup> Reduces ethanol plus LPS-induced liver injury via inhibition of NLRP3 inflammasome activation. <sup>4</sup> Provides cardioprotective effects <sup>5</sup> and protects against cognitive impairment and brain pathologies in HFD prediabetic rats <sup>6</sup> . Cell permeable. Active in vivo.