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## Product Datasheet

### Octahydrocurcumin, CAS [[36062-07-4]] BYT-ORB1303380

Article Name	Octahydrocurcumin, CAS [[36062-07-4]]
Biozol Catalog Number	BYT-ORB1303380
Supplier Catalog Number	orb1303380
Alternative Catalog Number	BYT-ORB1303380-1, BYT-ORB1303380-1, BYT-ORB1303380-10, BYT-ORB1303380-25, BYT-ORB1303380-5, BYT-ORB1303380-50
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Octahydrocurcumin is a bioactive small molecule with antioxidant and anti-inflammatory properties, demonstrated to suppress LPS-induced inflammation by inhibiting NF-kappaB nuclear translocation. It exhibits cytotoxic (IC50 = 19.46 µg/mL) and antimic...
Molecular Weight	376.44
Purity	99.65% (May vary between batches)
CAS Number	[36062-07-4]
Formula	C21H28O6
Target	NF-kappaB,ROS,Reactive Oxygen Species,Anti-infection
Application Notes	Solubility: 10% DMSO+40% PEG300+5% Tween 80+45% Saline:3.3 mg/mL (8.77 mM),Ethanol:10 mg/mL (26.56 mM),DMSO:100 mg/mL (265.65 mM)