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## Product Datasheet

### Hinokitiol, CAS [[499-44-5]] FBM-10-2211

Article Name	Hinokitiol, CAS [[499-44-5]]
Biozol Catalog Number	FBM-10-2211
Supplier Catalog Number	10-2211
Alternative Catalog Number	FBM-10-2211-50MG, FBM-10-2211-250MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Iron Chelator antioxidant...
Molecular Weight	164.20
Purity	>98%
Form	White solid
CAS Number	[499-44-5]
Formula	C10H12O2
Application Notes	Hinokitiol is a potent metal chelator that induces differentiation and apoptosis in teratocarcinoma F9 cells. <sup>1</sup> It acts as a reversible inhibitor of platelet-type 12-lipoxygenase (IC <sub>50</sub> = 100 nM). <sup>2</sup> Reported to have strong antibacterial activity <sup>3</sup> , suppress cell growth and disrupt androgen receptor signaling <sup>4</sup> and activate hypoxia-inducible factor <sup>5</sup> .