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## Product Datasheet

### **SIN-1, CAS [[16142-27-1]]** **FBM-10-1547**

Article Name	SIN-1, CAS [[16142-27-1]]
Biozol Catalog Number	FBM-10-1547
Supplier Catalog Number	10-1547
Alternative Catalog Number	FBM-10-1547-10MG, FBM-10-1547-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Peroxynitrite donor...
Molecular Weight	206.63
Purity	98% NMR (conforms)
Form	White solid
CAS Number	[16142-27-1]
Formula	C6H11CIN4O2
Application Notes	A metabolite of mosidomine <sup>1</sup> which spontaneously releases nitric oxide and superoxide anion which react to form peroxynitrite under physiological conditions. <sup>2</sup> The presence of HEPES leads to the formation of hydrogen peroxide and while its absence leads to the formation of peroxynitrite. <sup>3</sup> Inhibits platelet aggregation. <sup>4</sup> Inhibits aggregation and toxicity of amyloid- in cellular assays. <sup>5</sup>