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## Product Datasheet

### **Myriocin (ISP-1), CAS [[35891-70-4]] FBM-10-2088**

Article Name	Myriocin (ISP-1), CAS [[35891-70-4]]
Biozol Catalog Number	FBM-10-2088
Supplier Catalog Number	10-2088
Alternative Catalog Number	FBM-10-2088-5MG,FBM-10-2088-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Blocks sphingolipid biosynthesis...
Molecular Weight	401.54
Purity	>98%
Form	Off-white solid
CAS Number	[35891-70-4]
Formula	C <sub>21</sub> H <sub>39</sub> N <sub>06</sub>
Application Notes	Myriocin is a fungal metabolite with potent immunosuppressant activity. <sup>1</sup> It inhibits serine palmitoyltransferase (K <sub>i</sub> = 0.28 nM) blocking the synthesis of ceramide. <sup>2</sup> It was found to suppress melanoma cell proliferation by cell cycle arrest at the G <sub>2</sub> /M phase.