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Product Datasheet

Ferrioxamine E FBM-10-5156

Article Name	Ferrioxamine E
Biozol Catalog Number	FBM-10-5156
Supplier Catalog Number	10-5156
Alternative Catalog Number	FBM-10-5156-1MG, FBM-10-5156-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Siderophore...
Molecular Weight	653.54
Purity	>98% by TLC NMR (Conforms)
Form	Orange solid
Formula	C ₂₇ H ₄₅ FeN ₆ O ₉
Application Notes	<p>Ferrioxamine E (20008-20-2) is a hydroxamate siderophore. Siderophores like Ferrioxamine E make iron easier to access and absorb by cells. Their ability to chelate iron makes them useful in research on iron overload disorders such as hemochromatosis and sickle cell disease.¹ Ferrioxamine E is used to enhance growth of certain bacterial species including Salmonella, Enterobacter sakazakii and Yersinia enterocolitica.² It does not improve growth of Escherichia coli, Shigella, Proteus, Providencia and Morganella species.³ Because siderophores are produced by bacteria as virulence factors, they are useful tools in infectious disease research.⁴</p>