

Bitte beachten Sie: Dieses Dokument wurde automatisch erstellt und ist kein Ersatz für das Originaldokument des Herstellers.

Product Datasheet

Ferrioxamine E FBM-10-5156

Artikelname	Ferrioxamine E
Artikelnummer	FBM-10-5156
Hersteller Artikelnummer	10-5156
Alternativnummer	FBM-10-5156-1MG,FBM-10-5156-5MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Siderophore...
Molekulargewicht	653.54
Reinheit	>98% by TLC NMR (Conforms)
Formulierung	Orange solid
CAS Nummer	[20008-20-2]
Formel	C ₂₇ H ₄₅ FeN ₆ O ₉

Anwendungsbeschreibung

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