

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
Formel	C <sub>27</sub> H <sub>45</sub> FeN <sub>6</sub> O <sub>9</sub>
Anwendungsbeschreibung	<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.<sup>1</sup> Ferrioxamine E is used to enhance growth of certain bacterial species including Salmonella, Enterobacter sakazakii and Yersinia enterocolitica.<sup>2</sup> It does not improve growth of Escherichia coli, Shigella, Proteus, Providencia and Morganella species.<sup>3</sup> Because siderophores are produced by bacteria as virulence factors, they are useful tools in infectious disease research.<sup>4</sup></p>