

Deferoxamine mesylate Biochemical

Deferoxamine mesylate

CATALOG #
AAA201901

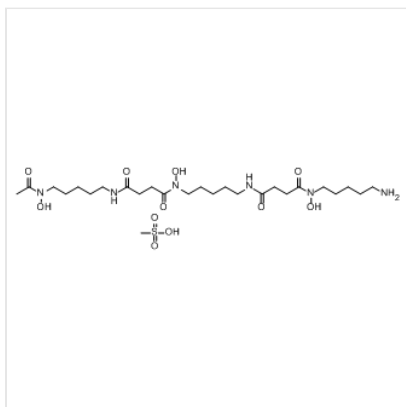
PRODUCT SYNONYMS

Deferoxamine mesylate; Desferrioxamine B mesylate; DFOM; Deferoxamine mesylate biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	H ₂ O: ≥33mg/mL
Target	Other Targets
Receptor	Aluminum; Iron
Chemical Name	Butanediamide, N4-[5-[[4-[[5-(acetylhydroxyamino)pentyl]amino]-1, 4-dioxobutyl]hydroxyamino]pentyl]-N1-(5-aminopentyl)-N1-hydroxy-, methanesulfonate(1:1)
SMILES	<chem>CS(O)(=O)=O.CC(=O)N(O)CCCCCNC(=O)CCC(=O)N(O)CCCCCNC(=O)CCC(=O)N(O)CCCCCN</chem>
Molecular Formula	C ₂₆ H ₅₂ N ₆ O ₁₁ S
CAS Number	138-14-7
Preparation and Storage	Store at -20°C.

IMAGES



Structure

ADDITIONAL INFORMATION

Related Product Information for Deferoxamine mesylate biochemical	An iron chelator that binds iron and aluminium; increases HIF-1α transactivation in diabetes by preventing iron-catalyzed reactive oxygen stress. Other Indication Approved
Product Categories/Family for Deferoxamine mesylate biochemical	Other Disease ; Other Indications

References

1. Duscher D, et al. Proc Natl Acad Sci U S A. 2015 Jan 6; 112 (1):94-9.
2. Miyajima H, et al. Ann Neurol. 1997 Mar; 41 (3):404-7.
3. Choi EY, et al. J Immunol. 2004 Jun 1; 172 (11):7069-77.

NCBI AND UNIPROT INFORMATION

Molecular Weight

656.79

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/deferroxamine-mesylate/201901>