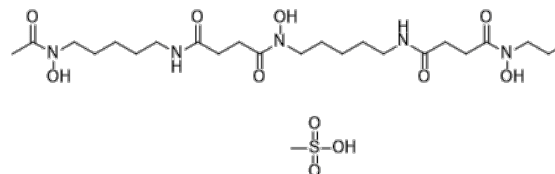


Product Name	: Deferoxamine mesylate
Cat. No.	: PC-25538
CAS No.	: 138-14-7
Molecular Formula	: $C_{26}H_{52}N_6O_{11}S$
Molecular Weight	: 656.79
Target	: Ferroptosis
Solubility	: 10 mM in DMSO



Biological Activity

Deferoxamine mesylate (DFOM) is a small molecule iron chelator and ferroptosis inhibitor, upregulates HIF-1 α levels with good antioxidant activity, also shows anti-proliferative activity, can induce apoptosis and autophagy in cancer cells.

References

Christophe Louandre, et al. Int J Cancer. 2013 Oct 1;133(7):1732-42.

Dongiovanni P, et al. Am J Pathol. 2008 Mar;172(3):738-47.

Wu Y, et al. *Neurochem Int.* 2010 Oct;57(3):198-205.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com