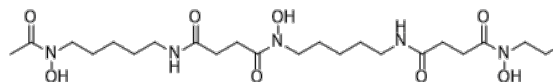


Product Name	: Deferoxamine
Cat. No.	: PC-25537
CAS No.	: 70-51-9
Molecular Formula	: C ₂₅ H ₄₈ N ₆ O ₈
Molecular Weight	: 560.69
Target	: Ferroptosis
Solubility	: 10 mM in DMSO



Biological Activity

Deferoxamine (DFO) 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