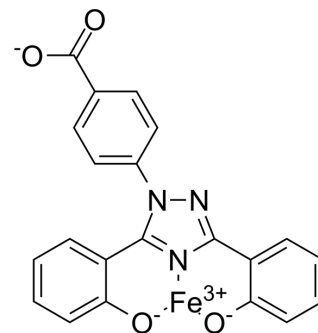


Deferasirox (Fe³⁺ chelate)

Cat. No.:	HY-16564		
CAS No.:	554435-83-5		
Molecular Formula:	C ₂₁ H ₁₂ FeN ₃ O ₄		
Molecular Weight:	426.18		
Target:	Ferroptosis; Bacterial		
Pathway:	Apoptosis; Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (117.32 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.3464 mL	11.7321 mL	23.4643 mL
		5 mM	0.4693 mL	2.3464 mL	4.6929 mL
10 mM		0.2346 mL	1.1732 mL	2.3464 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (5.87 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.87 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Deferasirox Fe ³⁺ Chelate is an iron chelating agent extracted from patent WO2003053986 ^[1] .
In Vitro	Deferasirox Fe ³⁺ Chelate is an iron chelating agent ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. WO2003053986

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA