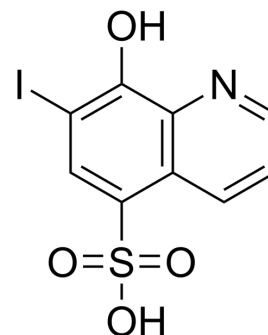


## Ferron

Cat. No.:	HY-W103183		
CAS No.:	547-91-1		
Molecular Formula:	C <sub>9</sub> H <sub>6</sub> INO <sub>4</sub> S		
Molecular Weight:	351.12		
Target:	Parasite; Fungal		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 62.5 mg/mL (178.00 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.8480 mL	14.2401 mL	28.4803 mL
5 mM	0.5696 mL	2.8480 mL	5.6961 mL
10 mM	0.2848 mL	1.4240 mL	2.8480 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Ferron (8-Hydroxy-7-iodo-5-quinolinesulfonic acid) has antiseptic and antifungal activity. Ferron can prevent skin and mucosa bacterial irritations and inflammations<sup>[1]</sup>.

### REFERENCES

[1]. Pippi B, et al. New insights into the mechanism of antifungal action of 8-hydroxyquinolines. Saudi Pharm J. 2019 Jan;27(1):41-48.

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

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