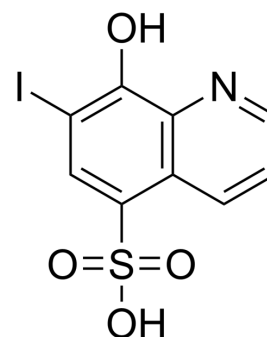


Ferron

Cat. No.:	HY-W103183		
CAS No.:	547-91-1		
Molecular Formula:	C ₉ H ₆ INO ₄ 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)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	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^[1].

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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