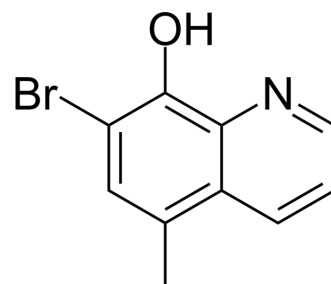


Tilbroquinol

Cat. No.:	HY-15537		
CAS No.:	7175-09-9		
Molecular Formula:	C ₁₀ H ₈ BrNO		
Molecular Weight:	238.08		
Target:	Parasite; Bacterial		
Pathway:	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 (210.01 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	4.2003 mL	21.0013 mL	42.0027 mL
	5 mM	0.8401 mL	4.2003 mL	8.4005 mL
	10 mM	0.4200 mL	2.1001 mL	4.2003 mL

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

In Vivo

1. Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.75 mg/mL (11.55 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Tilbroquinol is an orally active antiparasite agent, can be used in study of amoebiasis. tilbroquinol is also used against Vibrio cholera^[1].

IC₅₀ & Target

Amebae

REFERENCES

[1]. Merad Y, et al. Epigastric cutaneous discharge: think amoebiasis. Br J Dermatol. 2020 Nov;183(5):e147.

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

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