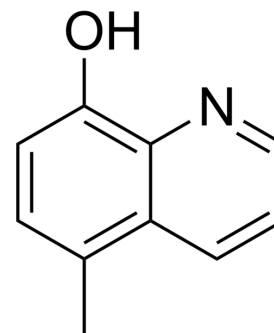


## Tiliquinol

Cat. No.:	HY-W018397		
CAS No.:	5541-67-3		
Molecular Formula:	C <sub>10</sub> H <sub>9</sub> NO		
Molecular Weight:	159.19		
Target:	Parasite		
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 : 100 mg/mL (628.18 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	6.2818 mL	31.4090 mL	62.8180 mL
		5 mM	1.2564 mL	6.2818 mL	12.5636 mL
10 mM		0.6282 mL	3.1409 mL	6.2818 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 (15.70 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (15.70 mM); Suspended solution; Need ultrasonic				

### BIOLOGICAL ACTIVITY

Description	Tiliquinol (NSC 130828) is a non-absorbed anti-amoebic luminal agent. Tiliquinol is used in combination with tibroquinol. Tiliquinol can be used for the research of amebic liver abscess <sup>[1][2]</sup> .
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### REFERENCES

- [1]. Nespola B, et al. First case of amebic liver abscess 22 years after the first occurrence. Parasite. 2015;22:20.
- [2]. Desoubeaux G, et al. Unusual multiple large abscesses of the liver: interest of the radiological features and the real-time PCR to distinguish between bacterial and

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

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