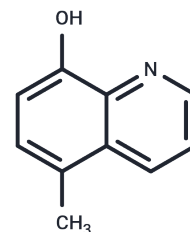


## Tiliquinol

## Chemical Properties

CAS No. :	5541-67-3
Formula:	C <sub>10</sub> H <sub>9</sub> NO
Molecular Weight:	159.18
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Tiliquinol (NSC-130828) (NSC-130828) is a non-absorbed luminal agent with anti-amoebic properties that is often used in conjunction with tibroquinol. It is commonly employed in the study and investigation of amebic liver abscesses.
Targets(IC50)	Others,Parasite

## Solubility Information

Solubility	DMSO: 90 mg/mL (565.4 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 3.3 mg/mL (20.73 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.2822 mL	31.411 mL	62.822 mL
5 mM	1.2564 mL	6.2822 mL	12.5644 mL
10 mM	0.6282 mL	3.1411 mL	6.2822 mL
50 mM	0.1256 mL	0.6282 mL	1.2564 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Nespola B, et al. First case of amebic liver abscess 22 years after the first occurrence. *Parasite*. 2015;22:20.  
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 amebic etiologies. *Pathog Glob Health*. 2014;108(1):53-57.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481