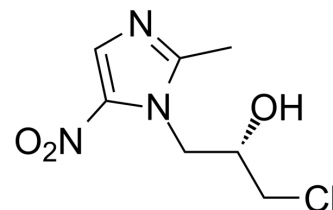


Ornidazole (Levo-)

Cat. No.:	HY-18715
CAS No.:	166734-83-4
Molecular Formula:	C ₇ H ₁₀ ClN ₃ O ₃
Molecular Weight:	219.63
Target:	Bacterial; Parasite
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 : 100 mg/mL (455.31 mM; Need ultrasonic)
 H₂O : 6.67 mg/mL (30.37 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		4.5531 mL	22.7656 mL	45.5311 mL
	5 mM		0.9106 mL	4.5531 mL	9.1062 mL
	10 mM		0.4553 mL	2.2766 mL	4.5531 mL

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

In Vivo

1. Add each solvent one by one: PBS
Solubility: 25 mg/mL (113.83 mM); Clear solution; Need ultrasonic
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (11.38 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (11.38 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Ornidazole Levo- is the levo-isomer of Ornidazole. Ornidazole is a 5-nitroimidazole derivative with antiprotozoal and antibacterial properties against anaerobic bacteria. Ornidazole Levo- is the less active isomer.

REFERENCES

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA