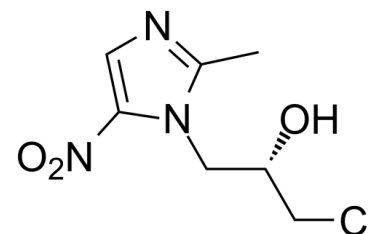


Data Sheet

Product Name:	Ornidazole (Levo-)
Cat. No.:	CS-5057
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
Solubility:	H ₂ O : 6.67 mg/mL (30.37 mM; Need ultrasonic); DMSO : 100 mg/mL (455.31 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

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:

[1]. Guo B, et al. Clinical Pharmacokinetics of Levornidazole in Elderly Subjects and Dosing Regimen Evaluation Using Pharmacokinetic/Pharmacodynamic Analysis. Clin Ther. 2017 Jul;39(7):1336-1346.

CAIndexNames:

1H-Imidazole-1-ethanol, α-(chloromethyl)-2-methyl-5-nitro-, (αS)-

SMILES:

CC1=NC=C([N+][O-])N1C[C@H](O)CCl

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

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