

Ornidazole

Catalog No: tcsc2710



Available Sizes

Size: 5g



Specifications

CAS No:

16773-42-5

Formula:

$C_7H_{10}ClN_3O_3$

Pathway:

Anti-infection;Anti-infection

Target:

Bacterial;Parasite

Purity / Grade:

>98%

Solubility:

H2O : 10 mg/mL (45.53 mM; Need ultrasonic); DMSO : \geq 100 mg/mL (455.31 mM)

Alternative Names:

Ro 7-0207

Observed Molecular Weight:

219.63

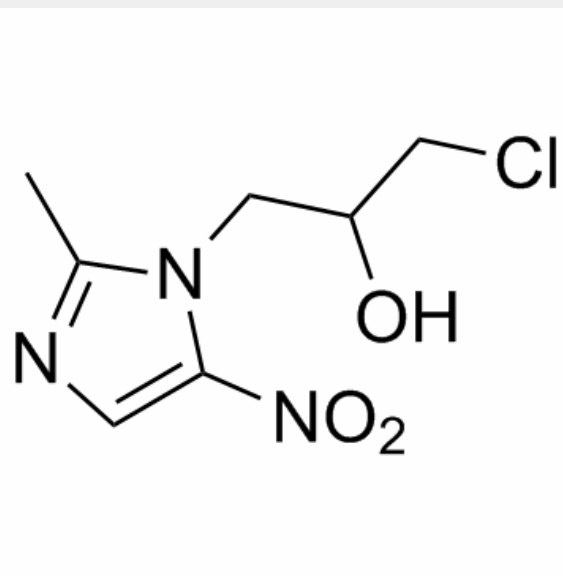
Product Description

Ornidazole(Ro 7-0207) is a 5-nitroimidazole derivative with antiprotozoal and antibacterial properties against anaerobic bacteria.

Target: Antibacterial; Antiparasitic

Ornidazole is a drug that cures some protozoan infections. Ornidazole 1 g/day is effective for the prevention of recurrence of Crohn's

disease after ileocolonic resection [1]. Ornidazole is converted to reduction products that interact with DNA to cause destruction of helical DNA structure and strand leading to a protein synthesis inhibition and cell death in susceptible organisms [2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!