



# LKT Laboratories, Inc.

## Ornidazole

Phone: 888-558-5227  
651-644-8424  
Fax: 888-558-7329  
Email: [getinfo@lktlabs.com](mailto:getinfo@lktlabs.com)  
Web: [lktlabs.com](http://lktlabs.com)

### Product Information

Product ID O6953

CAS No. 16773-42-5

Chemical Name

Synonym Tiberol, Madelen

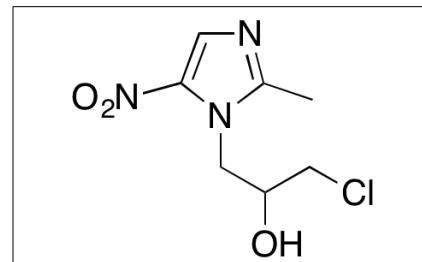
Formula  $C_7H_{10}ClN_3O_3$

Formula Wt. 219.63

Melting Point 85-90°C

Purity ≥98%

Solubility



### Pricing and Availability

*Bulk quantities available upon request*

Product ID	Size	List Price
O6953	5 g	\$84.10
O6953	50 g	\$584.00

Store Temp Ambient

Ship Temp Ambient

**Description** Ornidazole is a derivative of 5-nitroimidazole that exhibits antibacterial and anti-protozoan activity. Ornidazole is clinically used to treat dysentery and other symptoms of bacterial infection. Ornidazole is both cytotoxic and genotoxic and increases sister chromatid exchange and micronuclei formation in peripheral lymphocytes.

**References** Thulkar J, Kriplani A, Agarwal N. A comparative study of oral single dose of metronidazole, tinidazole, secnidazole and ornidazole in bacterial vaginosis. Indian J Pharmacol. 2012 Mar;44(2):243-5. PMID: 22529484.

Ikbal M, Yilmaz G, Dogan H, et al. The evaluation of genotoxic potential of ornidazole, nitroimidazole, in lymphocyte culture of patients with amebiasis. Drug Chem Toxicol. 2011 Apr;34(2):162-6. PMID: 21314465.

Raether W, Hänel H. Nitroheterocyclic drugs with broad spectrum activity. Parasitol Res. 2003 Jun;90 Supp 1:S19-39. PMID: 12811546.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.