

Product Name:	Dimetridazole
Product Number:	D009
CAS Number:	551-92-8
Molecular Formula:	$C_5H_7N_3O_2$
Molecular Weight:	141.13
Form:	Powder
Appearance:	Off-white or brown-colored powder
Source:	Synthetic
Melting Point:	138-141°C
Storage Conditions:	2-8°C
Description:	Dimetridazole is a slightly soluble nitromidazole drug used to combat protozoan and bacterial infections in livestock.
Mechanism of Action:	The mechanism of action of dimetridazole is not well understood; however, it is thought to inhibit cell growth by preventing nucleic-acid synthesis.
References:	Fernie, D. S., and D. A. Ware. "The Effect of the Nitroimidazole Drug Dimetridazole on Microaerophilic Campylobacters." <i>Journal of Medical Microbiology</i> 10.2 (1977): 233-40. www.ncbi.gov . Web. 31 Aug. 2012.