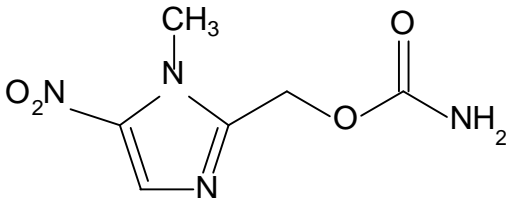




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## TECHNICAL SHEET

TS.EU.3034/004/15

Product Code	Product
<b>3034</b>	<b>RONIDAZOLE</b>
	(1-methyl-5-nitroimidazol-2-yl)methyl carbamate
<div> <div> <b>STRUCTURAL FORMULA</b>  </div> <div> <b>CAS NUMBER:</b> 7681-76-7   <b>MOLECULAR FORMULA:</b> C<sub>6</sub>H<sub>8</sub>N<sub>4</sub>O<sub>4</sub>   <b>MOLECULAR WEIGHT:</b> 200.15                 </div> </div>	

### SPECIFICATIONS AND PROPERTIES

<b>Appearance</b>	: White to yellowish-brown powder. Odourless or almost odourless.
<b>Solubility</b>	: Slightly soluble in water, in chloroform and in ethanol (96%). Very slightly soluble in ether.
<b>Identification</b>	
IR spectrum	: Concordant with the reference spectrum.
UV spectrum	: Absorbance at maximum 270 nm about 0.64.
Melting point	: About 167°C
<b>Colour of solution</b>	: A 0.5% w/v solution in methanol is not more intensely coloured than reference solution Y <sub>6</sub> .
<b>TLC</b> (1-methyl-5-nitroimidazol-2-yl)methanol	: Not more than 0.5%
<b>Water content</b>	: Not more than 0.5% w/w
<b>Sulphated ash</b>	: Not more than 0.1%
<b>Assay (Titration)</b>	: 98.5 – 101.0% on anhydrous substance.

### APPLICATIONS AND USES

-Treatments to control trichomoniasis and hexamitiasis in pigeons and birds.  
-Treatment of diarrhoea in cats caused by Tritrichomonas foetus.

### STORAGE

-Store in the original package in order to protect from light.  
-The minimum shelf life is 3 years when stored in the original package at ambient temperature.

### SYNONYMS AND TRADE MARKS

Ridzol, Ridzole, Ridzol P.

### TOXICITY AND SAFETY

-Rat intraperitoneal LD50 [mg/kg] : 1500  
-Rat oral LD50 [mg/kg] : 3400

### PACKAGING

100 g polyethylene containers.

This technical information is given with our best knowledge and information but without any obligation. Metapharmaceutical does not accept any responsibility for the suitability of the product for any user's specific purpose. This information must not be used as a replacement of required previous tests needed to determine product suitability. The user assumes a liability to follow all legal regulations by using our products.