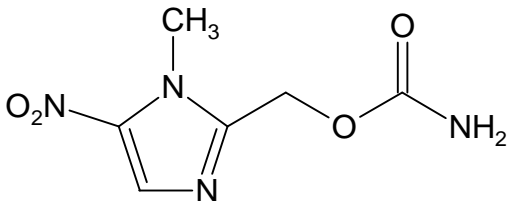




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TECHNICAL SHEET

TS.EU.3034/004/15

Product Code	Product
3034	RONIDAZOLE
	(1-methyl-5-nitroimidazol-2-yl)methyl carbamate
<div> <div> STRUCTURAL FORMULA  </div> <div> CAS NUMBER: 7681-76-7 MOLECULAR FORMULA: C₆H₈N₄O₄ MOLECULAR WEIGHT: 200.15 </div> </div>	

SPECIFICATIONS AND PROPERTIES

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

25 fiber drums containing low density polyethylene bags inside.

This technical information is given with our best knowledge and information but without any obligation. Menadiona 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.