



1. Identification

Catalogue Number

T116500

Lot Number

2-SNM-43-1

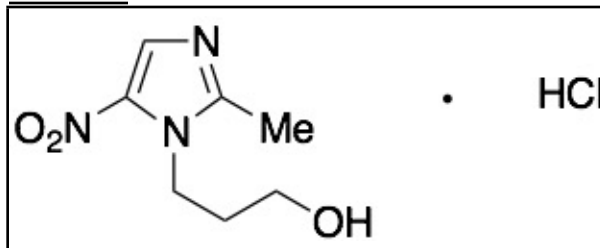
Product Name

Ternidazole Hydrochloride

Synonyms

2-Methyl-5-nitro-1H-imidazole-1-propanol Hydrochloride; 1-(3-Hydroxypropyl)
-2-methyl-5-nitroimidazole Hydrochloride;

Structure



CAS Number

70028-95-4

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₇H₁₂ClN₃O₃

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

221.64

Purity

94%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

Pale Beige to Beige Solid

Results

Pale Beige Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 35.07, %H: 5.61, %N: 18.24

MS

Conforms to Structure

Conforms

Water Content

Report Result

~4.8% based on Elemental Analysis

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed.
The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by

Evan Burns

Reviewed by

C of A Approved by

Test Date

9/2/2022

Retest Date

8/31/2026

Evan Burns

Toni Rantanen

Chanell Chu

Product Quality Specialist

Manager, Quality Assurance

Jr. Quality Assurance