

Product Information

Compound Name

Azathioprine EP Impurity E

Synonyms

1-methyl-4-nitro-1H-imidazol-5-ol

Chemical Formula

C₄H₅O₃N₃

Molecular Weight

143.10

Catalogue Number

A0056.16

Lot No.

PAA-165-17

Long-Term Storage Conditions

2-8 °C

Shipping Conditions

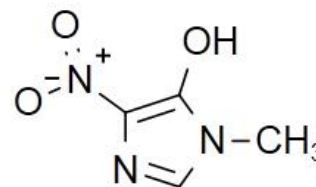
Ambient

Appearance

Yellow Solid

Test Date: May. 07, 2025

Re-test Date: May. 06, 2028



CAS No. : 73703-74-9

Analytical Information

Solubility

H₂O

Weight Loss by TGA

0.27%

Method for Determining Identity

MS, ¹H NMR (DMSO-d₆), ¹³C NMR (DMSO-d₆), IR, TGA

Purity (HPLC)

99.60%

Potency

99.33%

QA Manager

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