

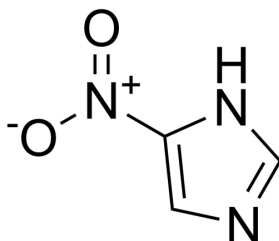
5-Nitroimidazole

Cat. No.: HY-78644
CAS No.: 3034-38-6
Batch No.: 416851
Chemical Name: 1H-Imidazole, 5-nitro-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₃H₃N₃O₂
Molecular Weight: 113.07
Storage: Powder -20°C 3 years
 4°C 2 years
 In solvent -80°C 6 months
 -20°C 1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: White to light yellow (Solid)
¹H NMR Spectrum: Consistent with structure
Purity (HPLC): 99.99%
Water(KF): 0.41%
Residue on Ignition: 0.19%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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