

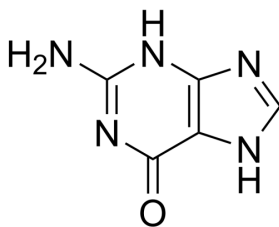
Guanine

Cat. No.: HY-Y1055
 CAS No.: 73-40-5
 Batch No.: 263794
 Chemical Name: 6H-Purin-6-one, 2-amino-1,9-dihydro-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₅H₅N₅O
 Molecular Weight: 151.13
 Storage: 4°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
¹H NMR Spectrum: Consistent with structure
 Purity (NMR): ≥98.0%
 Water(KF): 0.44%
 Residue on Ignition: 0.11%
 Loss on Drying: 0.65%
 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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