

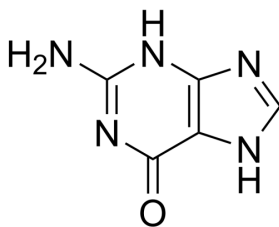
Guanine

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: $C_5H_5N_5O$
 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): $\geq 98.0\%$
 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA