

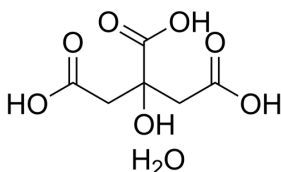
Citric acid (monohydrate)

Cat. No.: HY-N1428A
CAS No.: 5949-29-1
Batch No.: 238342
Chemical Name: 1,2,3-Propanetricarboxylic acid, 2-hydroxy-, hydrate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₆H₁₀O₈
Molecular Weight: 210.14
Storage: 4°C, sealed storage, away from moisture
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
¹H NMR Spectrum: Consistent with structure
Purity (NMR): ≥98.0%
Residue on Ignition: 0.15%
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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