

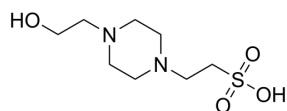
HEPES

Cat. No.: HY-D0857
CAS No.: 7365-45-9
Batch No.: 418055
Chemical Name: 1-Piperazineethanesulfonic acid, 4-(2-hydroxyethyl)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₈H₁₈N₂O₄S
Molecular Weight: 238.30
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 off-white (Solid)
¹H NMR Spectrum: Consistent with structure
Purity (HPLC): 99.74%
Water(KF): 0.09%
Residue on Ignition: 0.24%
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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