

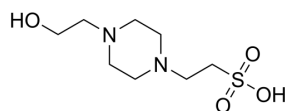
HEPES

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

## PHYSICAL AND CHEMICAL PROPERTIES

<b>Molecular Formula:</b>	C <sub>8</sub> H <sub>18</sub> N <sub>2</sub> O <sub>4</sub> S		
<b>Molecular Weight:</b>	238.30		
<b>Storage:</b>	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)
<sup>1</sup> H 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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