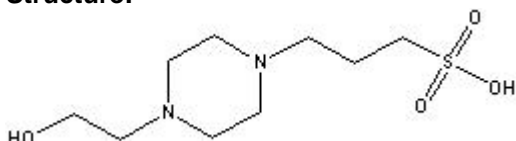


TECHNICAL INFORMATION

Catalog Number: 101927, 194547
HEPPS

Structure:



Molecular Formula: C₉H₂₀N₂O₄S

Molecular Weight: 252.3

CAS #: 16052-06-5

Synonyms: N-2-Hydroxyethylpiperazine-N'-3-propanesulfonic acid; EPPS

Physical Description: White crystalline powder

Useful pH Range: 7.3 to 8.7

pKa: ~7.99 @ 25°C

DpKa/°C: -0.015

Solubility: Soluble in water (1 M - clear, colorless solution)

Typical Working Concentration: 10 to 20 mM

Description: This is the propane analog of HEPES. Can be used as a separator in ultrathin isoelectric focusing gels; enhances the resolution of phosphoglucomutase.¹

Availability:

Catalog Number	Description	Size
101927	HEPPS	10 g 25 g 100 g 250 g 1 kg
194547	HEPPS, cell culture reagent	10 g 25 g 100 g 250 g 1 kg

Reference:

– Gill, P. and Sutton, J.G., *Electrophoresis*, v. 6, 23 (1985).