

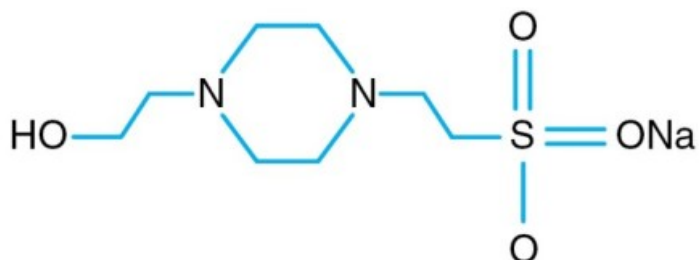


1.0 M HEPES sodium - 100 ml

Crystallization grade HEPES sodium buffer for formulating screens or for optimization

Product codes:

Reference: HR 2577



Product gallery:



Product description:

- Sterile filtered
- Formulated in Type 1+ ultrapure water: 18.2 megaohm-cm resistivity at 25°C, 5 ppb Total Organic Carbon, bacteria free (1 Bacteria (CFU/ml)), pyrogen free (0.03 Endotoxin (EU/ml)), RNase-free (0.01 ng/mL) and DNase-free (4 pg/uL)

HEPES sodium

Synonyms: HEPES sodium salt, or 4-(2-hydroxyethyl)piperazine-1-ethanesulfonic acid sodium salt, or N-(2-hydroxyethyl)piperazine-N'-(2-ethanesulfonic acid) sodium salt

C₈H₁₇N₂NaO₄S

Mr 260.29

CAS [75277-39-3]

EC Number 278-169-7

MDL Number MFCD00036463

pKa 7.5 at 25°C

Useful pH Range of HEPES sodium: 6.6 - 8.2

HR2-733 is titrated to pH 7.5 using HCl

HR2-733 measured Conductivity range: 41.7 - 43.4 mS/cm at 25°C

HR2-733 measured Refractive Index range: 1.37577 - 1.37766 at 20°C



HR2-577 is the free base of HEPES sodium and is to be titrated to the desired pH using HCl
HR2-577 measured pH Range: 10.2 - 12.1 at 25°C
HR2-577 measured Conductivity range: 25.9 - 27.2 mS/cm at 25°C
HR2-577 measured Refractive Index range: 1.37097 - 1.37298 at 20°C

HR2-931-01 - 1.0 M HEPES sodium pH 6.8 is a Custom Shop reagent and is used to reproduce and optimize Crystallization Reagents for use with the Silver Bullets kit.

Per maggiori informazioni visita il sito <https://hamptonresearch.com/>

Product features:

CRF - TIPO: HEPES sodium Buffer