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## DATASHEET

HEPES Sodium salt

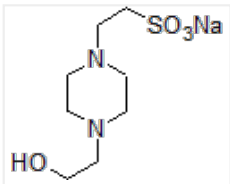
### Product overview

<b>Name</b>	HEPES Sodium salt
<b>Cat No</b>	HB5187
<b>Biological description</b>	HEPES is a widely used cell culture buffering agent. It maintains physiological pH. Sodium salt.
<b>Biological action</b>	Reagent
<b>Description</b>	Buffering agent. Sodium salt.

### Solubility & Handling

<b>Storage instructions</b>	Room temperature
<b>Solubility overview</b>	Soluble in water (1000 mM)
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use

### Chemical Data

<b>Chemical name</b>	Sodium 2-(4-(2-hydroxyethyl)piperazin-1-yl)ethanesulfonate
<b>Molecular Weight</b>	260.29
<b>Chemical structure</b>	
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>17</sub> N <sub>2</sub> NaO <sub>4</sub> S
<b>CAS Number</b>	75277-39-3
<b>PubChem identifier</b>	2724248
<b>SMILES</b>	[Na+].OCCN1CCN(CCS([O-])(=O)=O)CC1
<b>InChi</b>	InChI=1S/C8H18N2O4S.Na/c11-7-5-9-1-3-10(4(2-9)6-8-15(12,13)14);/h11H,1-8H2,(H,12,13,14);/q;+1/p-1
<b>InChiKey</b>	RDZTWEVXRGYCFV-UHFFFAOYSA-M
<b>MDL number</b>	MFCD00036463

### References

#### Effect of HEPES buffer systems upon the pH, growth and survival of *Mycoplasma mycoides* subsp. *mycoides* small colony (MmmSC) vaccine cultures

Waite ER *et al* (2001) FEMS Microbiol Lett 201(2)

**PubMedID** [11470376](#)

#### The effects of hepes buffer on clotting tests, assay of factors V and VIII and on the hydrolysis of esters by thrombin and thrombokinase

Roberts PS *et al* (1976) Thromb Haemost 35(1)

**PubMedID** [989187](#)

