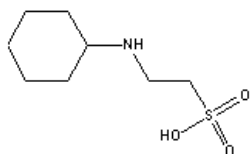


Catalog Number: 101434

CHES

Structure:



Molecular Formula: C₈H₁₇NO₃S

Molecular Weight: 207.3

CAS #: 103-47-9

Synonym: 2-(Cyclohexylamino)-ethane sulfonic acid

Physical Appearance: White crystalline powder

pKa: 9.3 @ 25°C

Useful pH Range: 8.6 - 10.0

Purity: 99.82%

Solubility: Soluble in water (100 mg/ml - clear, colorless solution) or DMSO

Description: A zwitterionic N-substituted aminosulfonic acid.¹ A biological buffer

References:

1. *Merck Index*, **12th Ed.**, No. 2097
2. Ellis, K.J. and Morrison, J.F., *Methods. Enzymol.*, **v. 87**, 405 (1982).