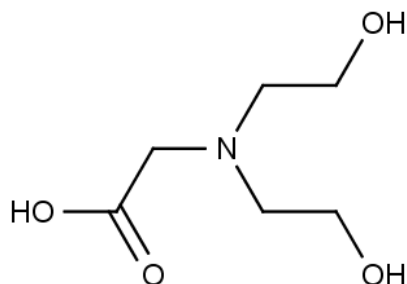




Bicine, ultra pure

Catalog No: 01848
Lot No: XXXXX
Cas No: 150-25-4
Formula: $C_6H_{13}NO_4$
MW: 163.17
Supplied as: solid
Stability: stable at room temperature



Background

Bicine is an organic buffering agent. It is one of Good's buffers and has a pKa of 8.35 at 20°C. It is prepared by the reaction of glycine with ethylene oxide, followed by hydrolysis of the resultant lactone.

Tests

Appearance:
Assay (titr.):
pH (1%, H₂O, 20°C):
Water:
Heavy metals (Pb):
Abs. (1 cm/0.1 M in H₂O)
A₂₆₀
A₂₈₀

Specifications

white crystalline powder
 ≥99%
 4.0 – 5.0
 ≤1%
 ≤0.0005%
 ≤0.08
 ≤0.05

Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.