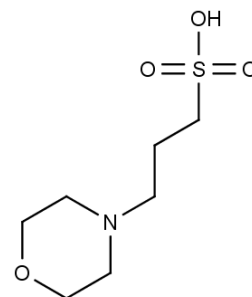




MOPS, ultra pure

Catalog No: 06170
Lot No: XXXXX
Cas No: 1132-61-2
Formula: C₇H₁₅NO₄S
MW: 209.27
Supplied as: solid
Stability: store below 25°C



Background

MOPS is frequently used as a buffering agent. It is a structural analog to MES. Its chemical structure contains a morpholine ring. With a pK_a of 7.20, MOPS is an excellent buffer for many biological systems at near-neutral pH. Synonyms: 3-Morpholinopropanesulfonic acid.

Tests

Assay (titr.):

pH (0.1 M in H₂O, 20°C):

Melting point:

Identity (IR):

Na:

Fe:

Pb:

Absorbance (0.1 M in H₂O)

A₂₆₀

A₂₈₀

Water:

Specifications

≥99.5%

3.5 – 4.5

~280°C

corresponds to structure

≤0.0005%

≤0.0005%

≤0.0005%

≤0.05

≤0.05

≤0.2%

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.

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