



MOPS, sodium salt

Catalog No: 50429
Lot No: XXXXX
Cas No: 71119-22-7
Formula: $C_7H_{14}NNaO_4S$
MW: 231.25
Supplied as: solid
Stability: stable at room temperature

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 pKa of 7.20, MOPS is an excellent buffer for many biological systems at near-neutral pH.

Tests

Appearance:

Assay (titr.):

Fe:

Pb:

Abs. (1 cm/0.1 M in H₂O)

A₂₆₀

A₂₈₀

Specifications

white crystalline powder or colorless

crystals

≥99%

≤0.0005%

≤0.001%

≤0.05%

≤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.