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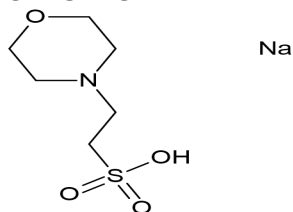
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## MES, Sodium Salt, BioPureact™ Grade

**ALTERNATE NAME:** 2-(N-Morpholino)ethanesulfonic acid) sodium

**CATALOG #:** AUR10620

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>6</sub>H<sub>12</sub>NO<sub>4</sub>SNa

**MOLECULAR WEIGHT:** 217.22

**CAS#:** 71119-23-8

**APPEARANCE:** White Solid

**SOLUBILITY:** Water (5 mg/ml)

**PURITY:** ≥99% by titration (on dry basis)

**STORAGE:** Store at RT. Protect from air and moisture

**DESCRIPTION:** MES sodium salt is a buffering agent used in biochemistry and molecular biology that was selected and described by Good *et al.* It is a zwitterionic, morpholinic buffer that is useful for a pH range of 5.5 – 6.7 and commonly used for cell culture media, as a running buffer in electrophoresis, and for protein purification in chromatography.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure