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## Product Data Sheet

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Product Name: MES potassium

Cat. No.: GC66488

### Chemical Properties

Cas. No. 39946-25-3

Formula  $C_6H_{12}KNO_4S$  M.Wt 233.33

Solubility Storage Store at  $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at  $37^{\circ}C$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}C$  for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

### Background

MES (2-Morpholinoethanesulphonic acid) potassium is a **buffering agent** in biology and biochemistry. MES potassium is one of the Good's buffers, the buffer capacity ranging pH 5.5-7.0. MES potassium is broadly used to regulate pH value for plants culture medium, reagent solution, and physiological experiments<sup>[1][2]</sup>.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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