

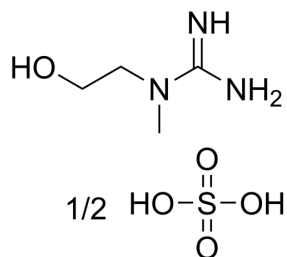
## Creatinol (hemisulfate)

Cat. No.: HY-160080  
CAS No.: 50648-53-8  
Batch No.: 318078  
Chemical Name: Guanidine, N-(2-hydroxyethyl)-N-methyl-, sulfate (2:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>4</sub>H<sub>11</sub>N<sub>3</sub>O.1/2H<sub>2</sub>O<sub>4</sub>S  
Molecular Weight: 166.18  
Storage: 4°C, protect from light  
\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 98.19%  
Conclusion: The product has been tested and complies with the given specifications.

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

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