

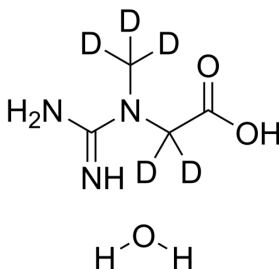
## Creatine-d5 (monohydrate)

Cat. No.: HY-W017462S  
Batch No.: 249078  
Chemical Name: N-Carbamimidoyl-N-(methyl-d3)glycine-2,2-d2 hydrate

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_4H_6D_5N_3O_3$   
Molecular Weight: 154.18  
Storage: Powder      -20°C    3 years  
                                  4°C      2 years  
                                  In solvent   -80°C    6 months  
  -20°C    1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to light yellow (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
Purity (HPLC): 99.93%  
Isotopic Enrichment: 99.70%  
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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA