

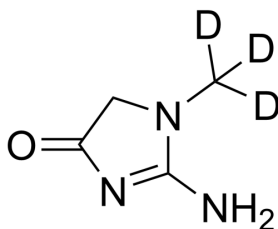
## Creatinine-d<sub>3</sub>

Cat. No.: HY-B0504S  
CAS No.: 143827-20-7  
Batch No.: 317269  
Chemical Name: 4H-Imidazol-4-one, 2-amino-1,5-dihydro-1-(methyl-d<sub>3</sub>)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>4</sub>H<sub>4</sub>D<sub>3</sub>N<sub>3</sub>O  
Molecular Weight: 116.14  
Storage: -20°C, sealed storage, away from moisture  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (HPLC): 99.90%  
Isotopic Enrichment: 99.90%  
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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