

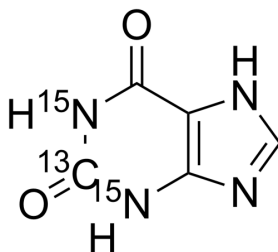
Xanthine-<sup>13</sup>C,<sup>15</sup>N<sub>2</sub>

Cat. No.: HY-W017389S  
CAS No.: 1262670-81-4  
Batch No.: 248840  
Chemical Name: 1H-Purine-2,6-dione-2-<sup>13</sup>C-1,3-<sup>15</sup>N<sub>2</sub>, 3,9-dihydro-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>4</sub><sup>13</sup>CH<sub>4</sub>N<sub>2</sub><sup>15</sup>N<sub>2</sub>O<sub>2</sub>  
Molecular Weight: 155.09  
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 off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
MS: Consistent with structure  
Purity (NMR): ≥98.0%  
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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