

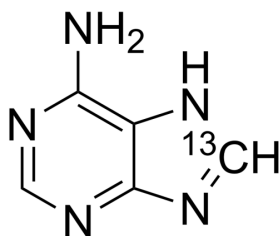
## Adenine-<sup>13</sup>C

Cat. No.: HY-B0152S1  
 CAS No.: 86967-48-8  
 Batch No.: 281416  
 Chemical Name: 1H-Purin-6-amine-8-<sup>13</sup>C

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>4</sub><sup>13</sup>CH<sub>5</sub>N<sub>5</sub>  
 Molecular Weight: 136.12  
 Storage: 4°C, protect from light, stored under nitrogen  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

### 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): 99.75%  
 Isotopic Enrichment: 98.00%  
 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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