

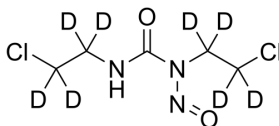
## Carmustine-d<sub>8</sub>

Cat. No.: HY-13585S  
Batch No.: 383220  
Chemical Name: 1,3-Bis(2-chloroethyl-1,1,2,2-d<sub>4</sub>)-1-nitrosourea

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>5</sub>HD<sub>8</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>2</sub>  
Molecular Weight: 222.10  
Storage: -20°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  
Purity (HPLC): 98.34%  
Isotopic Enrichment: 98.2%  
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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