

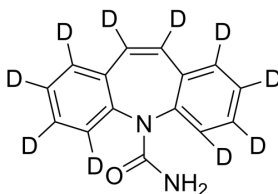
## Carbamazepine-d<sub>10</sub>

Cat. No.: HY-B0246S  
 CAS No.: 132183-78-9  
 Batch No.: 251161  
 Chemical Name: 5H-Dibenz[b,f]azepine-1,2,3,4,6,7,8,9,10,11-d<sub>10</sub>-5-carboxamide

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>15</sub>H<sub>2</sub>D<sub>10</sub>N<sub>2</sub>O  
 Molecular Weight: 246.33  
 Storage: Powder -20°C 3 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 (HPLC): 99.41%  
 Isotopic Enrichment: 99.4%  
 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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