

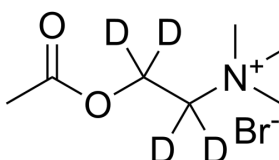
## Acetylcholine-d<sub>4</sub> (bromide)

Cat. No.: HY-B0282AS1  
 CAS No.: 93449-31-1  
 Batch No.: 257536  
 Chemical Name: Ethan-1,1,2,2-d<sub>4</sub>-aminium, 2-(acetyloxy)-N,N,N-trimethyl-, bromide

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>7</sub>H<sub>12</sub>D<sub>4</sub>BrNO<sub>2</sub>  
 Molecular Weight: 230.14  
 Storage: 4°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)  
 Purity: ≥98.0%  
 Isotopic Enrichment: 99.70%  
 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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