

## **Certificate of Analysis**

## Acetylcholine-d9 (chloride)

Cat. No.: HY-B0282S1 CAS No.: 344298-95-9 Batch No.: 242864

**Chemical Name:** Ethanaminium, 2-(acetyloxy)-N,N,N-tri(methyl-d3)-, chloride

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>7</sub>H<sub>7</sub>D<sub>9</sub>ClNO<sub>2</sub> Molecular Weight: 190.72

Storage: 4°C, sealed storage, away from moisture

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Packaging: Sealed Vial

\*Once the package is opened, use it immediately or pack it into multiple vials with sealing film.

**Chemical Structure:** 

$$\begin{array}{c|c}
O & D & D & D \\
\hline
O & D & D & D \\
\hline
O & C & D & D \\
\hline
O & D & D
\end{array}$$

## ANALYTICAL DATA

Appearance: White to off-white (Solid)

**Purity:** ≥99.0% **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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