Certificate of Analysis

Clemastine-d_5 (fumarate)

Cat. No.: HY-B0298AS

Batch No.: 348935

Chemical Name: Clemastine-d5 (fumarate)

PHYSICAL AND CHEMICAL PROPERTIES

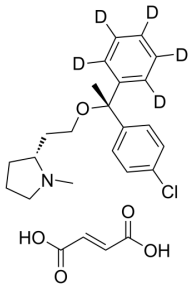
Molecular Formula: $C_{25}H_{25}D_5ClNO_5$

Molecular Weight: **464.99**

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)

^{1}H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): **99.48%**

Isotopic Enrichment: 97.9%

Additional Information: d0=0.1%, d2=0.1%, d4=9.8%, d5=90.0%

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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