

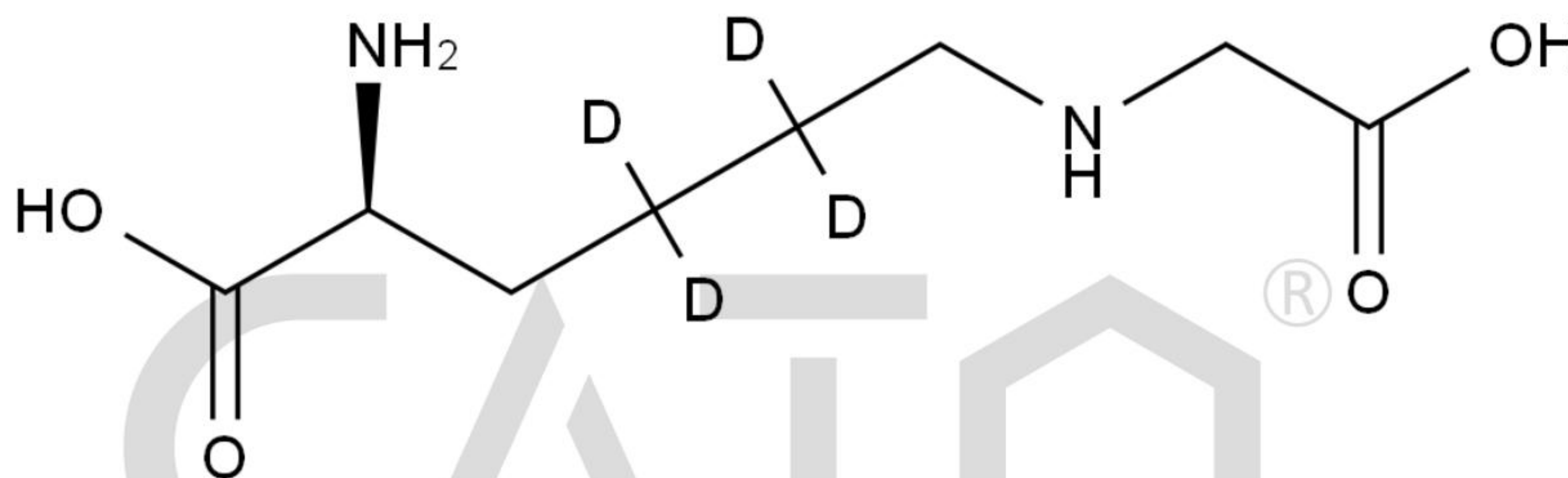
Certificate of Analysis

Reference Material & Standard

Product Name:	Nε-(1-Carboxymethyl)-L-lysine-d4	Catalogue Number:	CCFD201908
Synonyms:	N/A	Lot Number:	0417-RG-0002
CAS Number:	936233-18-0	Expiry Date:	Nov 08, 2027
Molecular Formula:	C ₈ H ₁₂ D ₄ N ₂ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	208.25	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	ELSD	99.8%
Isotopic Purity		97.9%
Uncertainty		±0.1%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Apr 21, 2025

Date: Apr 21, 2025

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