

Certificate of Analysis

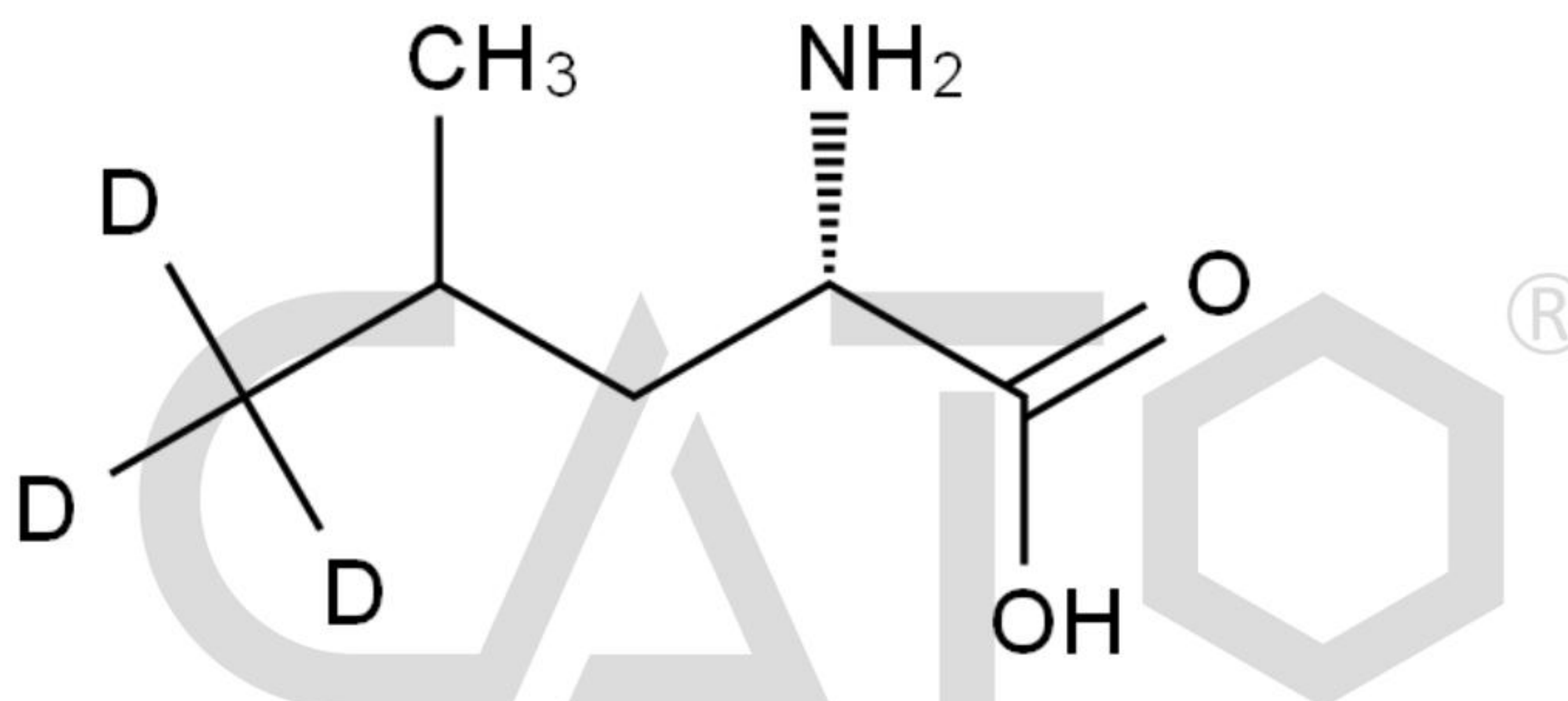
Reference Material & Standard

Product Name:	L-Leucine-d3	Catalogue Number:	CCFD201614
Synonyms:	N/A	Lot Number:	0110-RE-0043
CAS Number:	87828-86-2	Expiry Date:	Nov 27, 2029
Molecular Formula:	C ₆ H ₁₀ D ₃ NO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	134.19	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	ELSD	99.9%
Isotopic Purity		100.0%
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:

Yuki-i

Approved by General Manager:

David

Date: Nov 28, 2025

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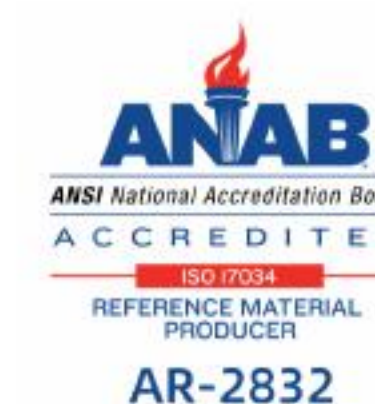
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