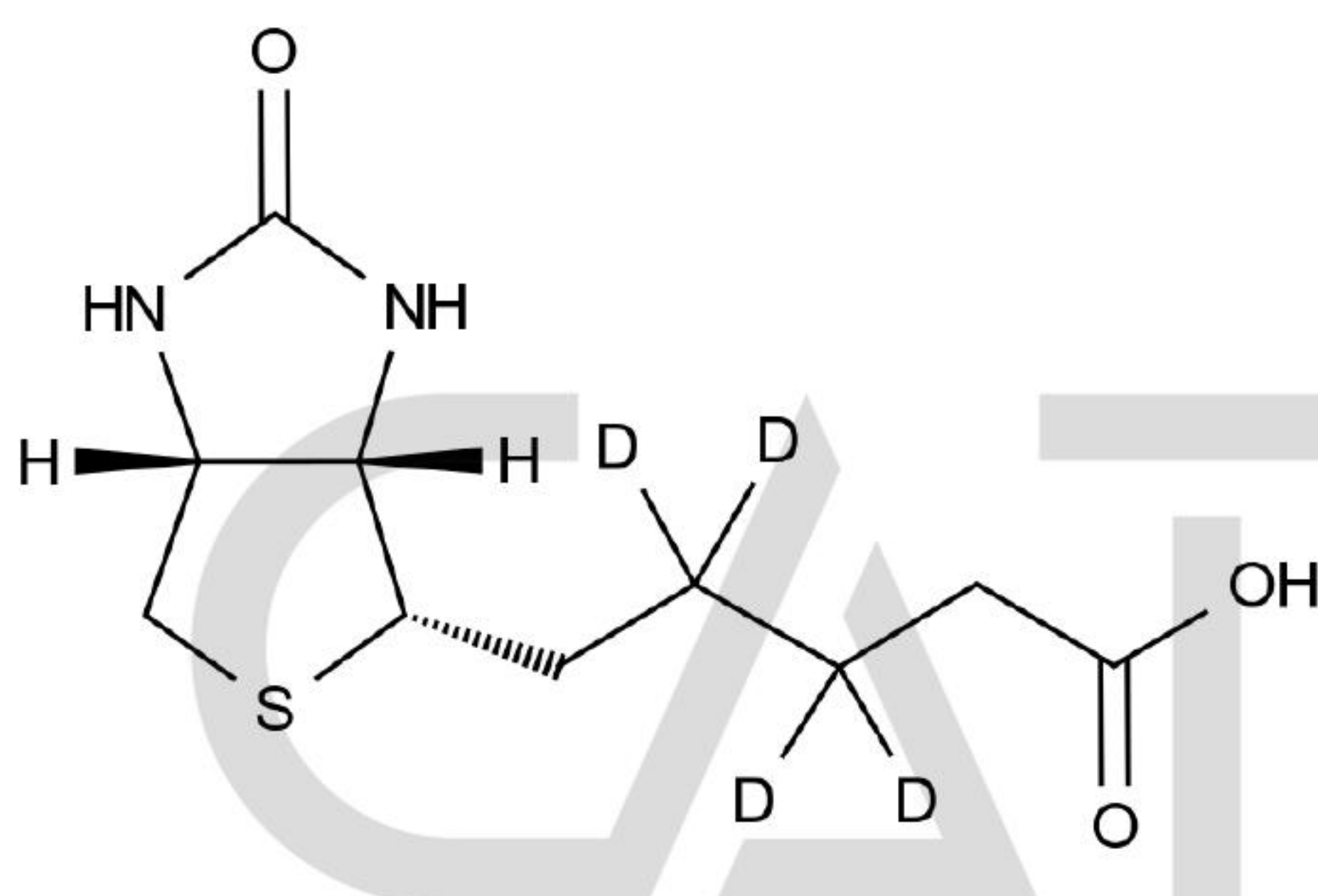


Certificate of Analysis

Reference Material & Standard

Product Name:	rac Biotin-d4	Catalogue Number:	CCFD201211
Synonyms:	N/A	Lot Number:	0122-RH-0030
CAS Number:	1217850-77-5	Expiry Date:	Jan 19, 2029
Molecular Formula:	C ₁₀ H ₁₂ D ₄ N ₂ O ₃ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	248.34	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	97.4%
Isotopic Purity		99.5%
Uncertainty		±0.5%

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:

Hin Lam

Approved by General Manager:

David

Date: Jan 22, 2026

Date: Jan 22, 2026

Date: Jan 22, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

