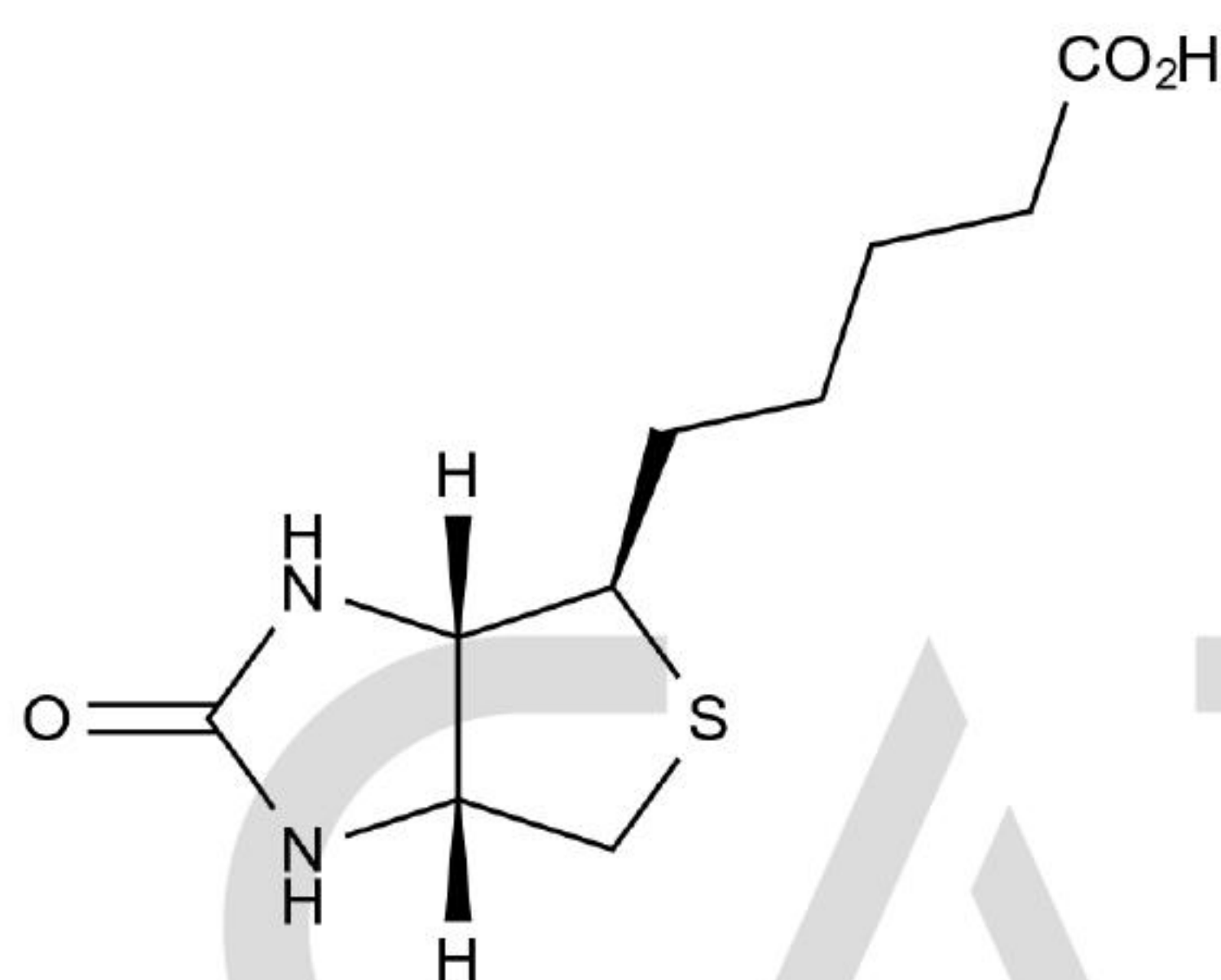


Certificate of Analysis

Reference Material & Standard

Product Name:	Biotin impurity 18	Catalogue Number:	C4X-156318
Synonyms:	N/A	Lot Number:	1205-RF-0072
CAS Number:	4375-00-2	Expiry Date:	Dec 11, 2027
Molecular Formula:	C10H16N2O3S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	244.31		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	93.7%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Dec 16, 2024

Date: Dec 16, 2024

Date: Dec 16, 2024

