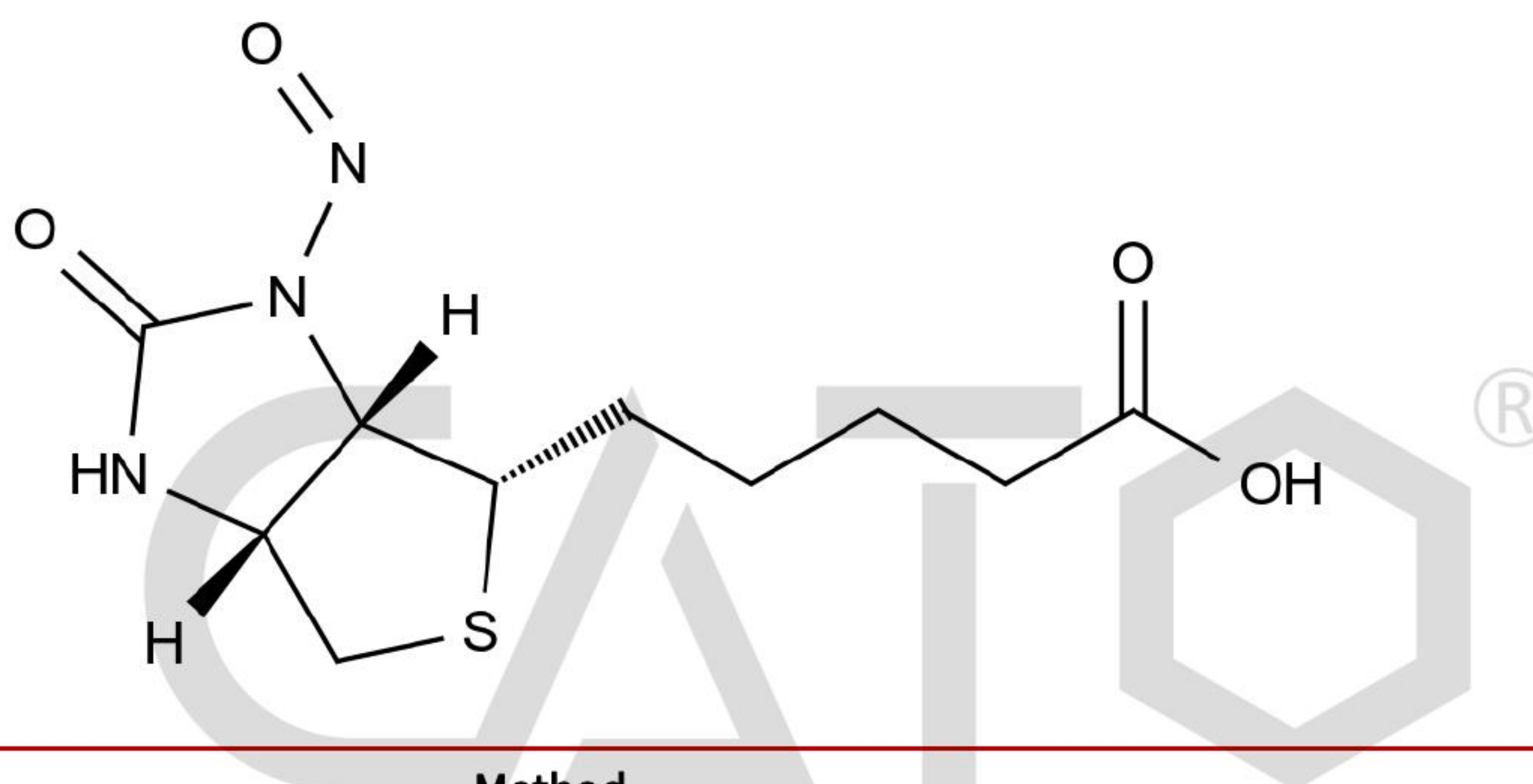


Certificate of Analysis

Reference Material & Standard

Product Name:	Biotin impurity 29	Catalogue Number:	C4X-156329
Synonyms:	N/A	Lot Number:	1113-RF-0022
CAS Number:	N/A	Expiry Date:	Nov 28, 2027
Molecular Formula:	C ₁₀ H ₁₅ N ₃ O ₄ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	273.31		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	99.8%
Assay	qNMR	93.2%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Nov 29, 2024

Date: Nov 29, 2024

Date: Nov 29, 2024

