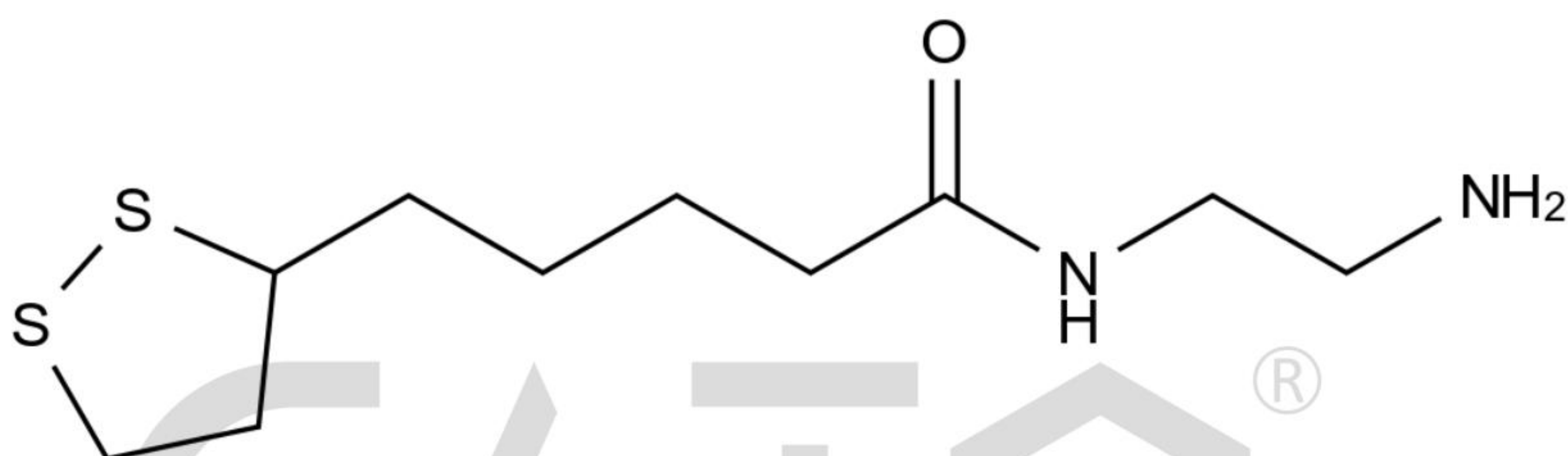


Certificate of Analysis

Reference Material & Standard

Product Name:	Thioctic acid Impurity 77	Catalogue Number:	C4X-152677
Synonyms:	N/A	Lot Number:	0523-RG-0004
CAS Number:	N/A	Expiry Date:	May 29, 2028
Molecular Formula:	C ₁₀ H ₂₀ N ₂ O ₂ S ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	248.41		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	95.2%
Assay	qNMR	91.8%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jun 05, 2025

Date: Jun 05, 2025

Date: Jun 05, 2025

