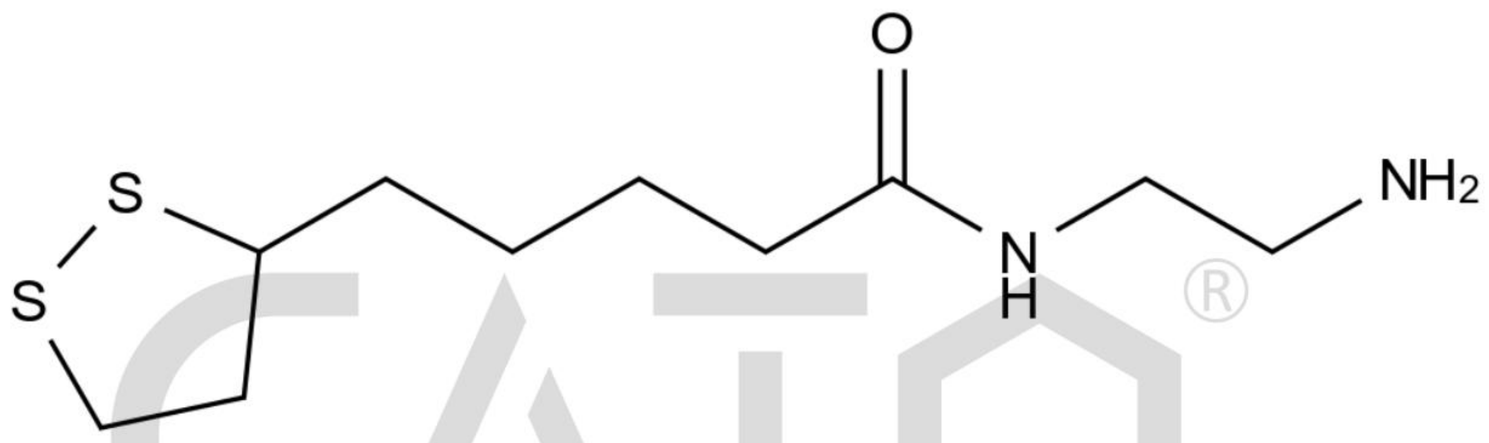
Certificate of Analysis

Reference Material & Standard

Product Name:	Thioctic acid Impurity 77	**Catalogue Number:**	C4X-152677
Synonyms:	N/A	**Lot Number:**	0523-RG-0004
CAS Number:	728854-75-9	**Expiry Date:**	May 29, 2028
Molecular Formula:	$C_{10}H_{20}N_2OS_2$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	248.41	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



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

CATO Research Chemicals Inc.

Comment:

Assay was determined by quantitative 1H-NMR.

Signature:

Prepared by: Lily Date: Jun 05, 2025

Reviewed by: Hinlam Date: Jun 05, 2025

Approved by General Manager: David Date: Jun 05, 2025

CATO Research Chemicals Inc.