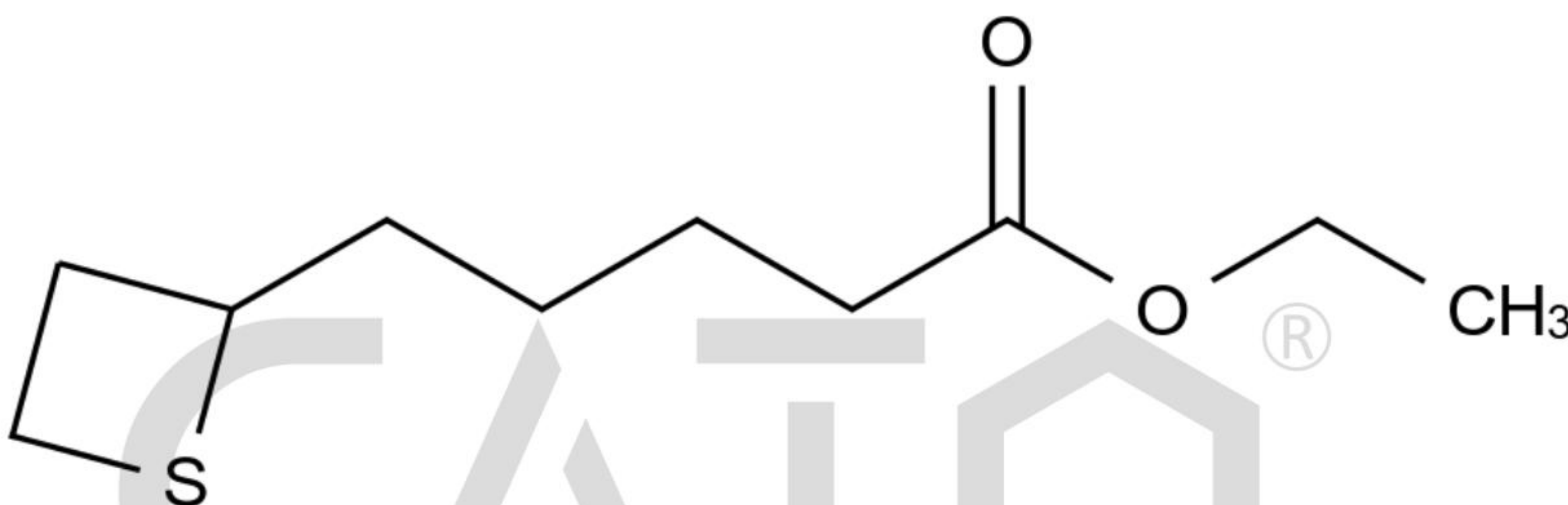


Certificate of Analysis

Reference Material & Standard

Product Name:	Thioctic acid Impurity 19	Catalogue Number:	C4X-152619
Synonyms:	N/A	Lot Number:	0114-RG-0027
CAS Number:	91140-37-3	Expiry Date:	Aug 19, 2027
Molecular Formula:	C ₁₀ H ₁₈ O ₂ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	202.31		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.0%
Assay	qNMR	85.1%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Lily

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Feb 06, 2025

Date: Feb 06, 2025

Date: Feb 06, 2025

