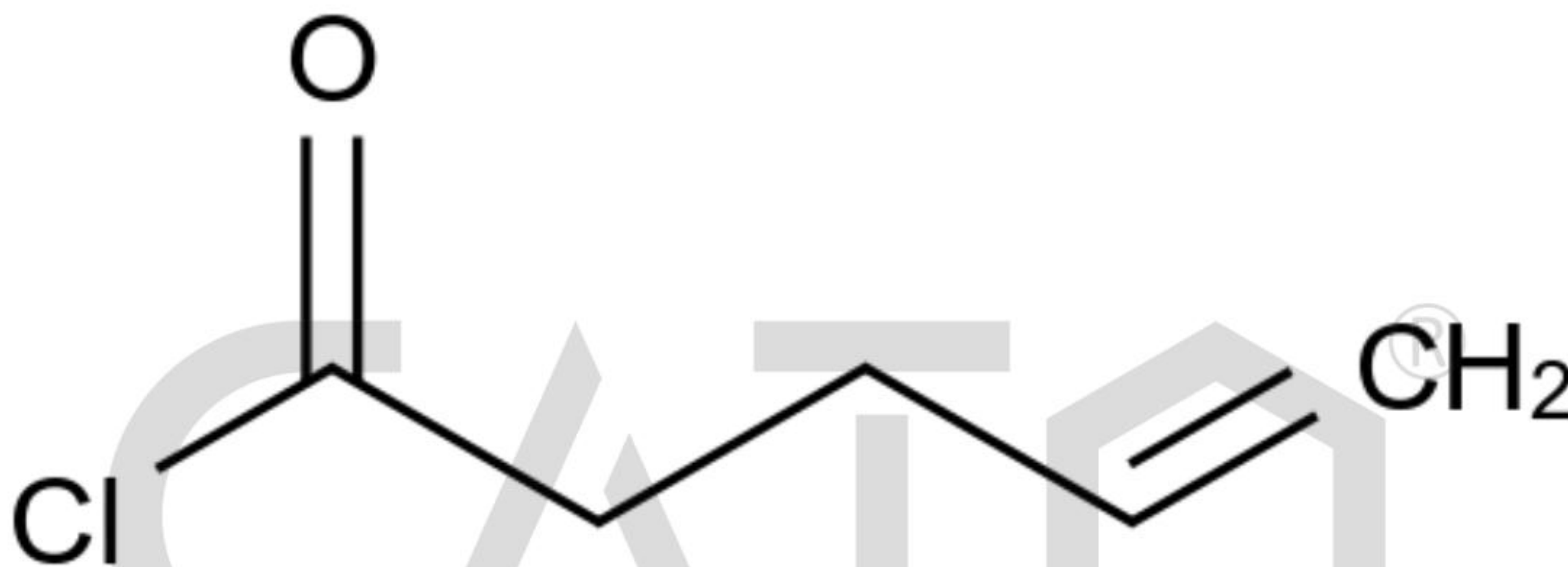


Certificate of Analysis

Reference Material & Standard

Product Name:	4-Pentenoyl chloride	Catalogue Number:	C1918595
Synonyms:	N/A	Lot Number:	0427-RG-0072
CAS Number:	39716-58-0	Expiry Date:	May 07, 2028
Molecular Formula:	C ₅ H ₇ ClO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	118.56	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.8%
Assay	qNMR	93.0%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: May 08, 2025

Date: May 08, 2025

Date: May 08, 2025

