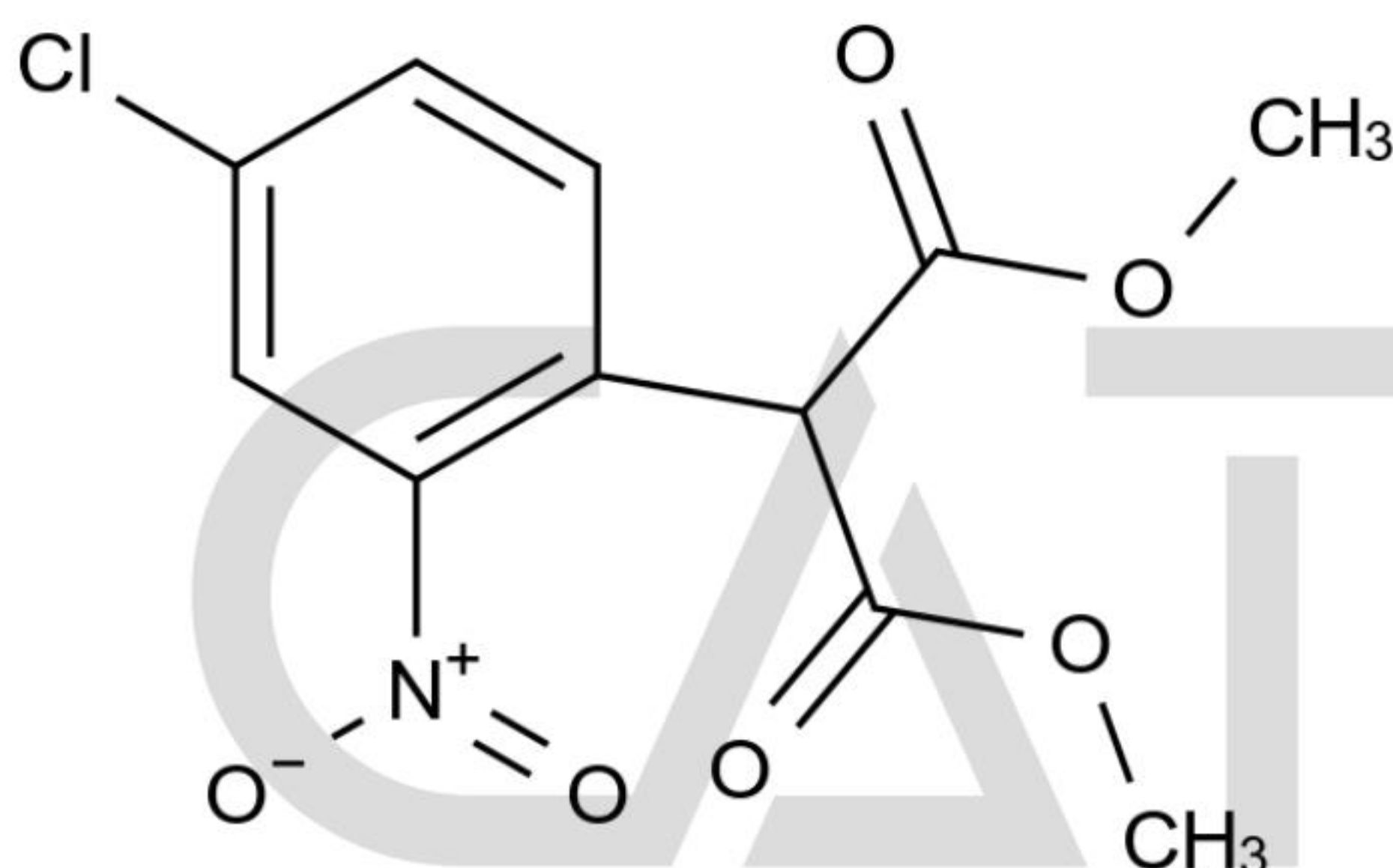


Certificate of Analysis

Reference Material & Standard

Product Name:	Dimethyl 2-(4-chloro-2-nitrophenyl)malonate	Catalogue Number:	C1314576
Synonyms:	N/A	Lot Number:	1030-RG-0030
CAS Number:	147124-32-1	Expiry Date:	Nov 02, 2029
Molecular Formula:	C ₁₁ H ₁₀ ClNO ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	287.65	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Water Content	Karl Fischer	7.6837%
Assay		92.3%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Nov 03, 2025

Date: Nov 03, 2025

Date: Nov 03, 2025



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