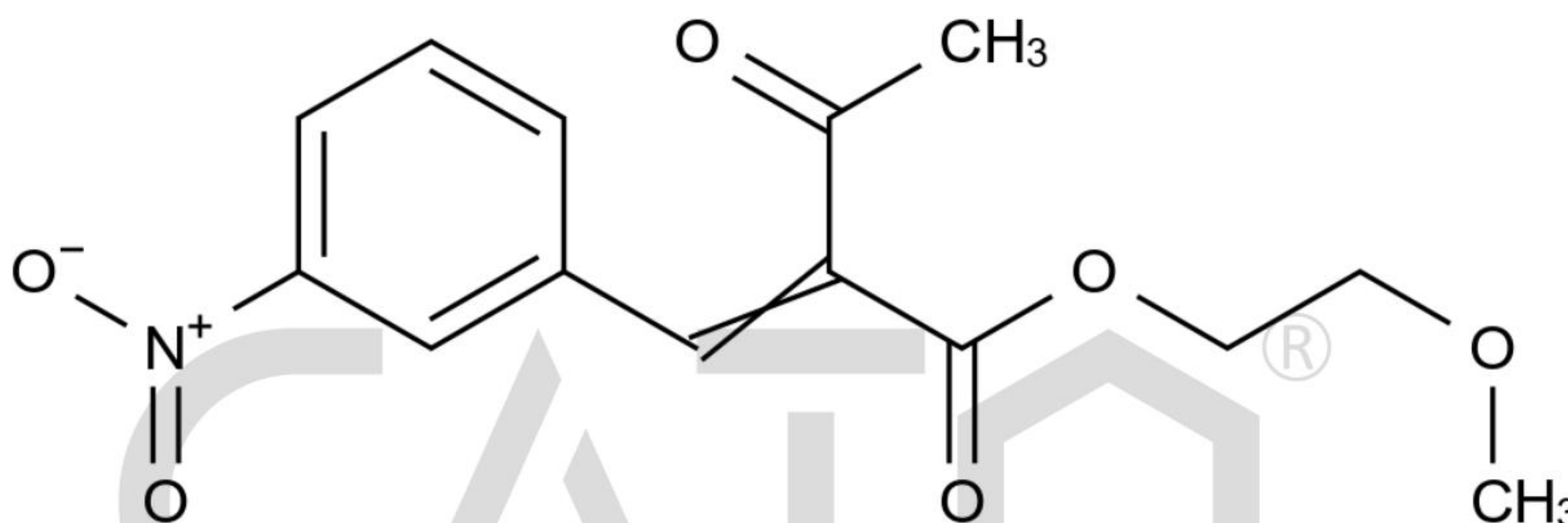


Certificate of Analysis

Reference Material & Standard

Product Name:	2-Methoxyethyl 2-(3-Nitrobenzylidene)acetoacetate	Catalogue Number:	C4X-179610
Synonyms:	N/A	Lot Number:	0508-RF-0017
CAS Number:	39562-22-6	Expiry Date:	May 09, 2027
Molecular Formula:	C ₁₄ H ₁₅ NO ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	293.27		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.122%
Loss On Drying	TGA	0.0153%
Assay		95.1%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Aproved by General Manager:

David

Date: May 10, 2024

Date: May 10, 2024

Date: May 10, 2024

