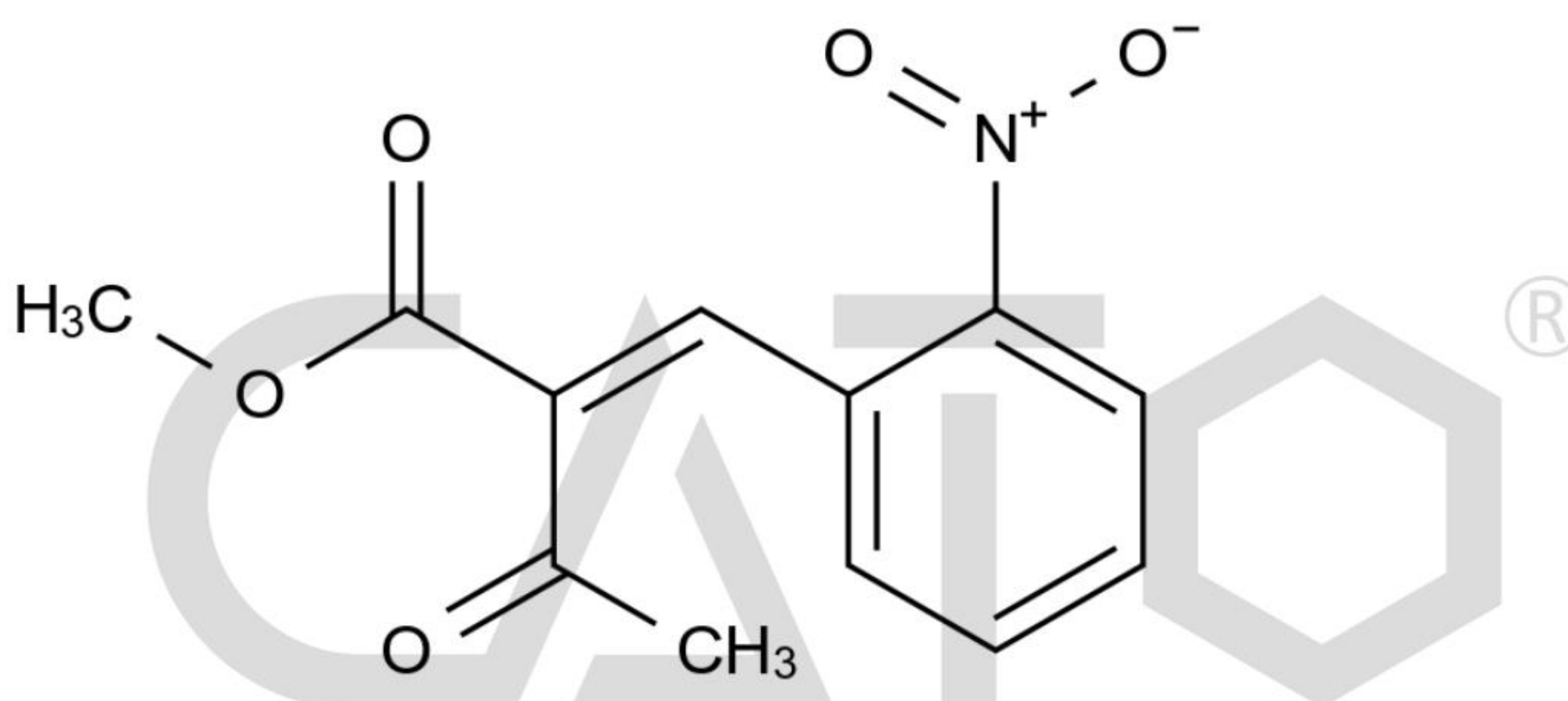


Certificate of Analysis

Reference Material & Standard

Product Name:	Nifedipine EP Impurity C (E-Isomer)	Catalogue Number:	C1063271
Synonyms:	1-Benzyl-4-[(5,6-dimethoxy-2,3-dihydro-1H-inden-2-yl)methyl]piperidine	Lot Number:	0729-RG-0035
CAS Number:	111304-29-1	Expiry Date:	Jan 21, 2028
Molecular Formula:	C ₁₂ H ₁₁ NO ₅	Storage:	-20°C ± 5°C Protected from light and Sealed
Molecular Weight:	249.22	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.133%
Residue on Ignition	TGA	0.0349%
Loss On Drying	TGA	0.0234%
Assay		98.1%

Comment:

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

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

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 29, 2025

Date: Jul 29, 2025

Date: Jul 29, 2025

