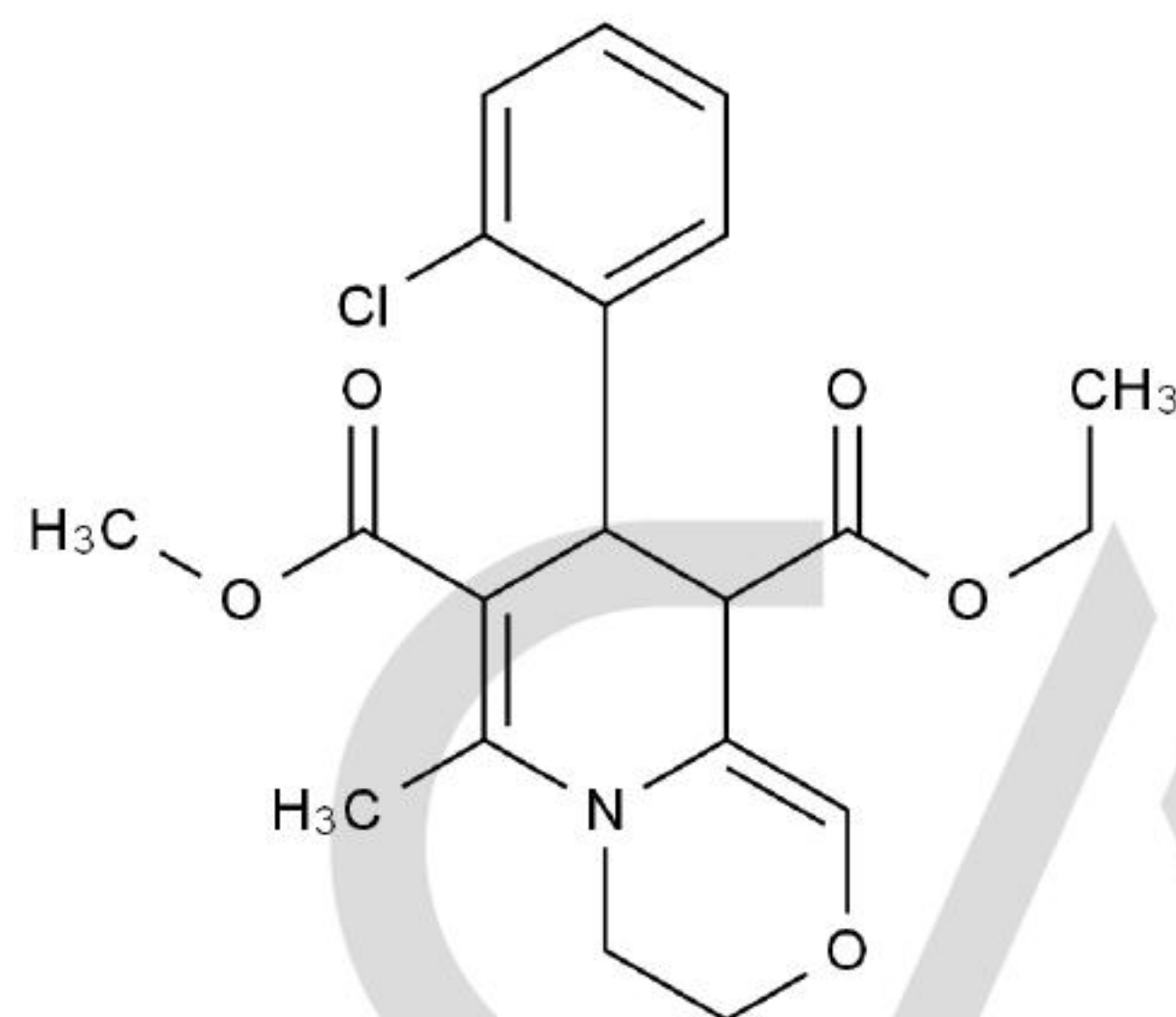


Certificate of Analysis

Reference Material & Standard

Product Name:	Amlodipine Impurity 60	Catalogue Number:	C4X-109560
Synonyms:	9-Ethyl 7-methyl 8-(2-chlorophenyl)-6-methyl-3,4,8,9-tetrahydropyrido[2,1-c][1,4]oxazine-7,9-dicarboxylate	Lot Number:	0525-RH-0084
CAS Number:	949155-13-9	Expiry Date:	Jun 01, 2030
Molecular Formula:	C ₂₀ H ₂₂ ClNO ₅	Storage:	2°C ~ 8°C Sealed
Molecular Weight:	391.85	Shipping Condition:	Shipping at Room Temperature
Solubility:	Soluble in Acetonitrile and DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.921%
Residue on Ignition	TGA	0.3507%
Loss on Drying	TGA	0.1324%
Assay	qNMR	99.3%
Assay	Mass Balance	99.4%

Comment:

- The retest date of this product is Jun 01, 2029.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$$
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:

Alice

Approved by General Manager:

David

Date: Jun 02, 2026

Date: Jun 02, 2026

Date: Jun 02, 2026



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