

Certificate of Analysis

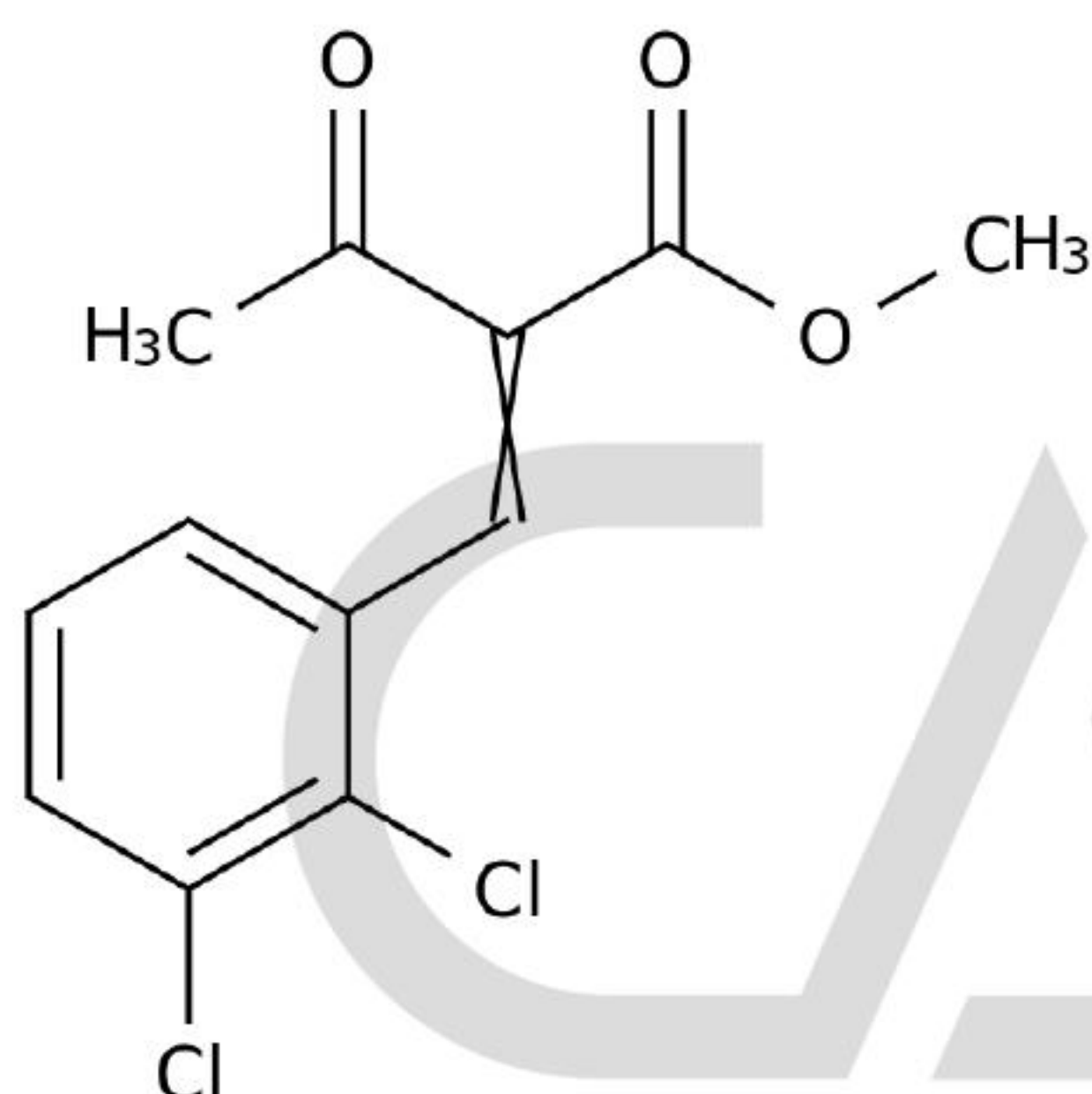
Reference Material & Standard

Product Name:	Felodipine Impurity 12	Catalogue Number:	C4X-109412
Synonyms:	Methyl 2-(2,3-dichlorobenzylidene)-3-oxobutanoate	Lot Number:	0329-RC-0006
CAS Number:	74073-22-6	Expiry Date:	Jan 29, 2030
Molecular Formula:	C ₁₂ H ₁₀ Cl ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	273.11	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.8263%
Water Content	Karl Fischer	0.4543%
Assay		97.4%

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:

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Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jan 30, 2026

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