

Certificate of Analysis

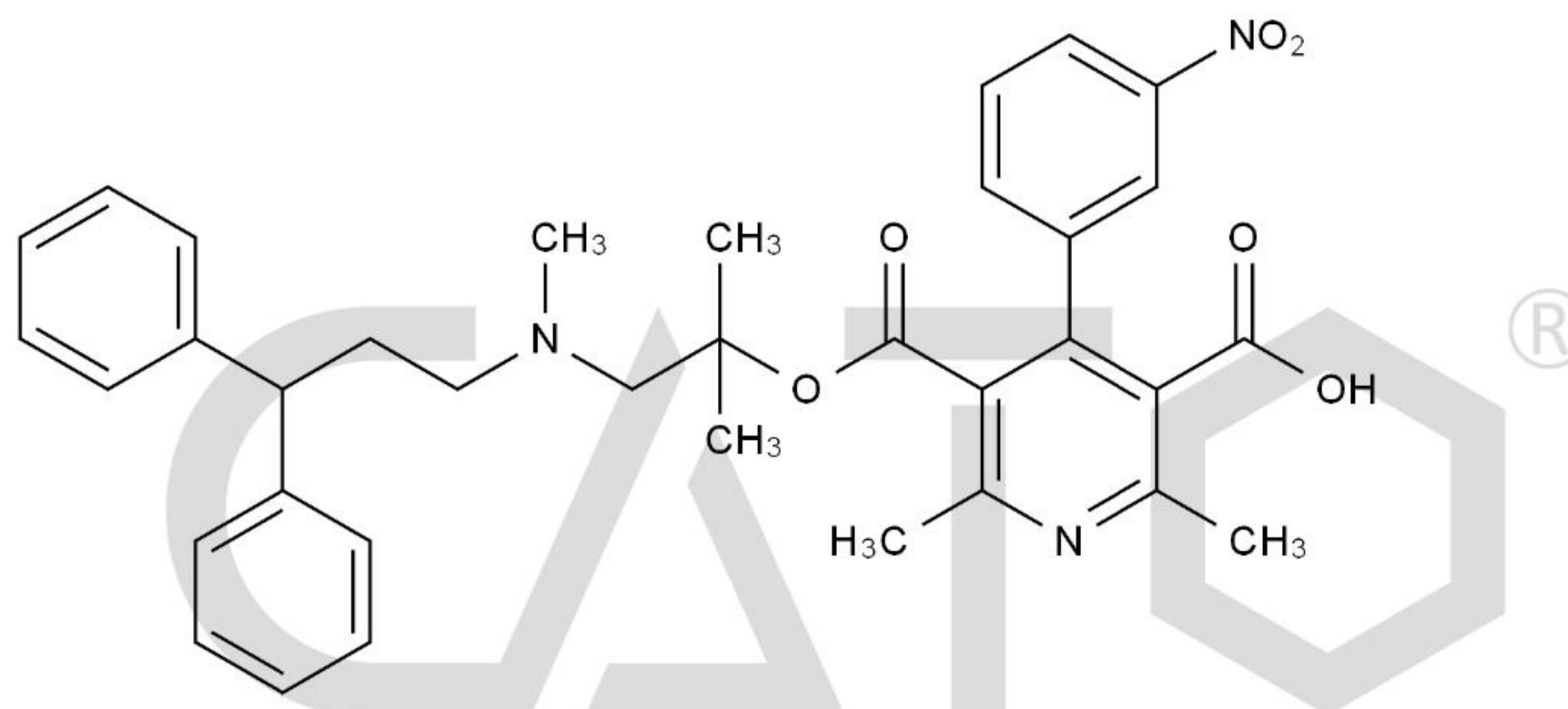
Reference Material & Standard

Product Name:	Lercanidipine Impurity 5	Catalogue Number:	C4X-13645
Synonyms:	N/A	Lot Number:	0824-RE-0031
CAS Number:	1119226-97-9	Expiry Date:	Aug 12, 2029
Molecular Formula:	C ₃₅ H ₃₇ N ₃ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	595.68		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.351%
Water Content	Karl Fischer	0.20%
Residual Solvents	NMR	Not detected in NMR
Assay		98.2%

Comment:

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

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

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

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Date: Oct 22, 2025

Date: Oct 23, 2025

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