

Certificate of Analysis

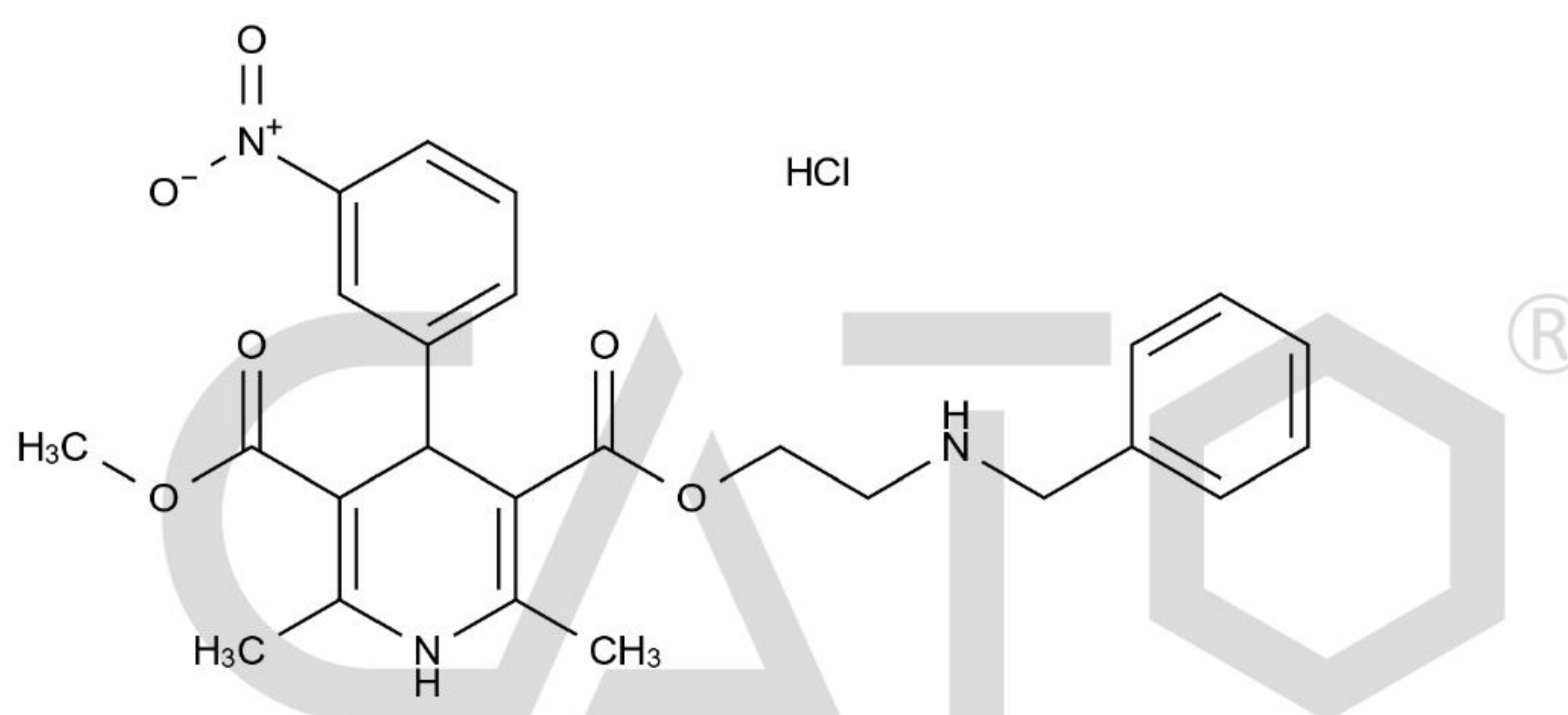
Reference Material & Standard

Product Name:	Nicorandil impurity 63	Catalogue Number:	C4X-190763
Synonyms:	N/A	Lot Number:	0430-RH-0020
CAS Number:	N/A	Expiry Date:	Apr 23, 2030
Molecular Formula:	C ₂₅ H ₂₇ N ₃ O ₆ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	465.50 36.46	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	98.376%
Water Content	Karl Fischer	0.30%
Residual Solvents	NMR	0.52% isopropanol and 0.04% acetone
Assay		97.5%

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:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: May 14, 2026

Date: May 15, 2026

Date: May 15, 2026



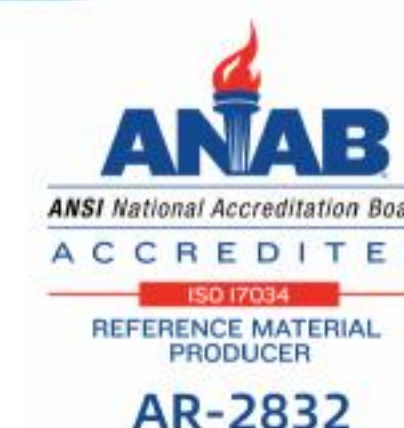
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