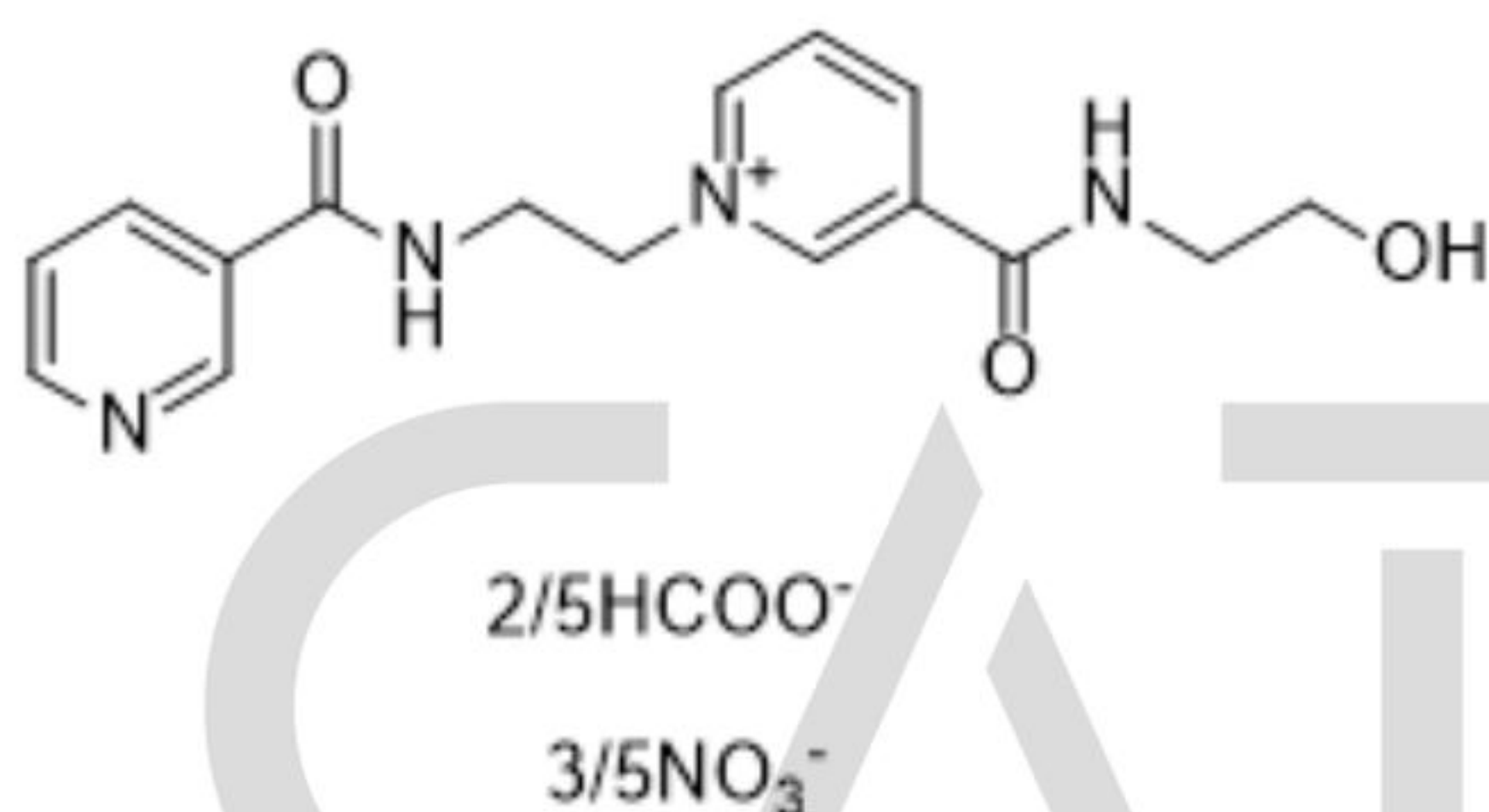


Certificate of Analysis

Reference Material & Standard

Product Name:	Nicorandil impurity 69	Catalogue Number:	C4X-190769
Synonyms:	N/A	Lot Number:	1030-RG-0115
CAS Number:	N/A	Expiry Date:	Dec 30, 2028
Molecular Formula:	C ₁₆ H ₁₉ N ₄ O ₃ 2/5HCOO ⁻ 3/5NO ₃ ⁻	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	315.35 370.56	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Gel
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	98.544%
Water Content	Karl Fischer	4.95%
Residual Solvents	NMR	Not detected in NMR
Assay		93.7%

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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Oct 31, 2025

Date: Oct 31, 2025

Date: Oct 31, 2025



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