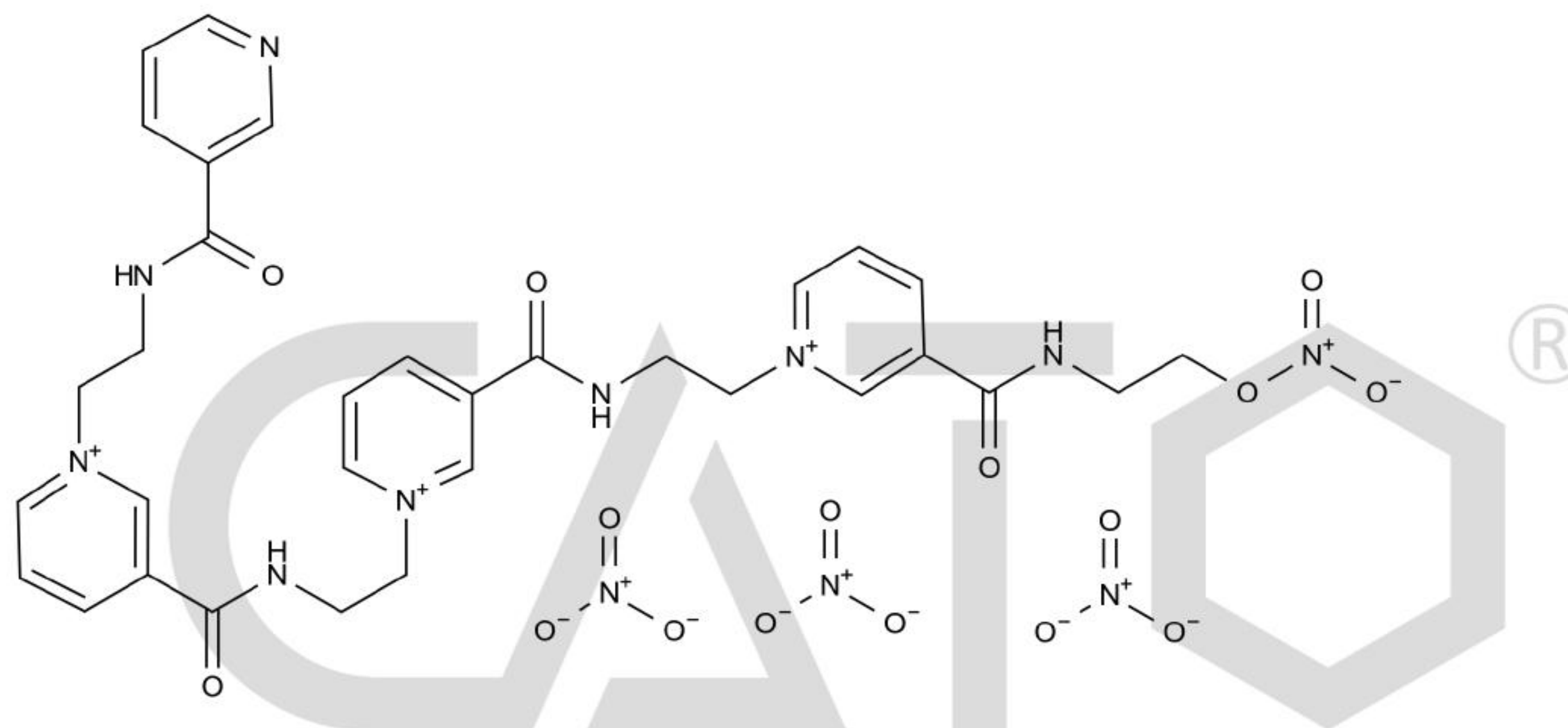


Certificate of Analysis

Reference Material & Standard

Product Name:	Nicorandil Impurity 46 3Nitrate	Catalogue Number:	C4X-190746
Synonyms:	N/A	Lot Number:	0103-RG-0068
CAS Number:	N/A	Expiry Date:	Feb 07, 2027
Molecular Formula:	C ₃₂ H ₃₆ N ₉ O ₇ 3*NO ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	658.68 3*62.00	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.898%
Water Content	Karl Fischer	1.64%
Residual Solvents	NMR	0.06% acetonitrile
Assay		95.3%

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: Apr 23, 2026

Date: Apr 23, 2026

Date: Apr 23, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

