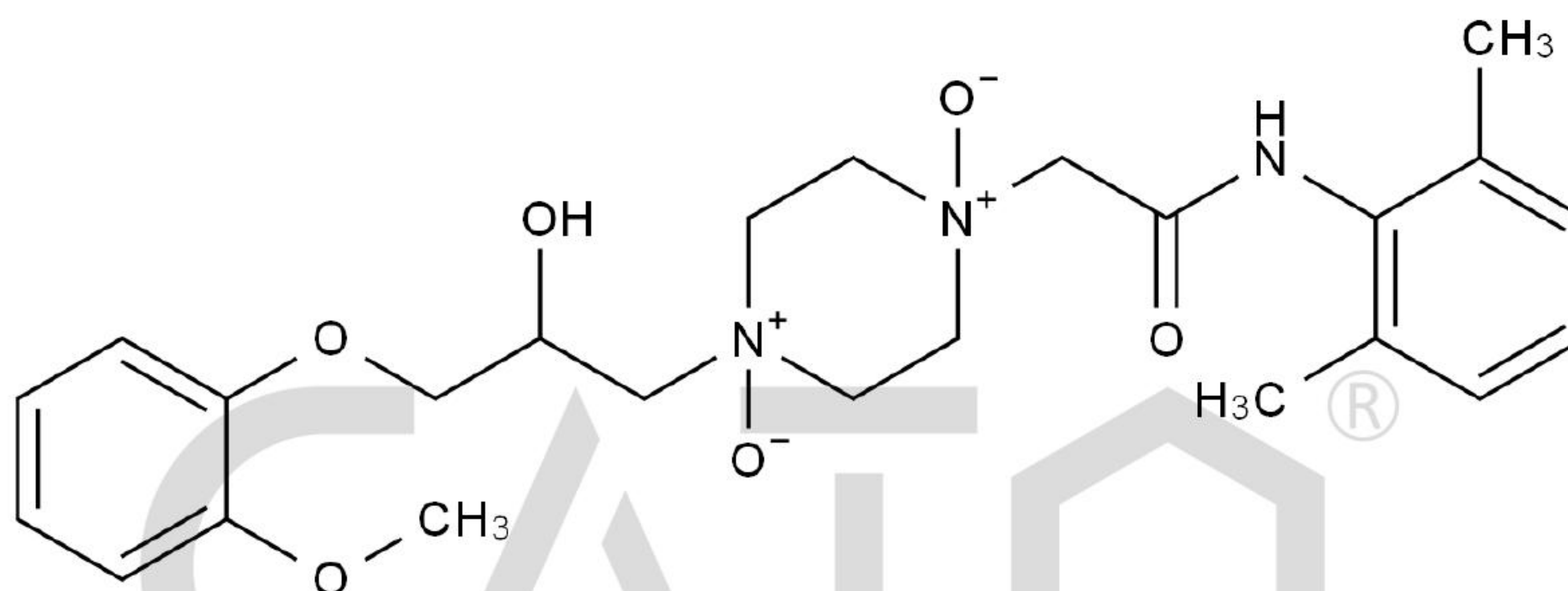


Certificate of Analysis

Reference Material & Standard

Product Name:	Ranolazine Impurity 5	Catalogue Number:	C4X-10265
Synonyms:	N/A	Lot Number:	1209-RF-0084
CAS Number:	1246816-00-1	Expiry Date:	Dec 11, 2027
Molecular Formula:	C ₂₄ H ₃₃ N ₃ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	459.54		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.820%
Loss On Drying	TGA	4.6395%
Assay		94.2%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Dec 12, 2024

Date: Dec 12, 2024

Date: Dec 12, 2024

