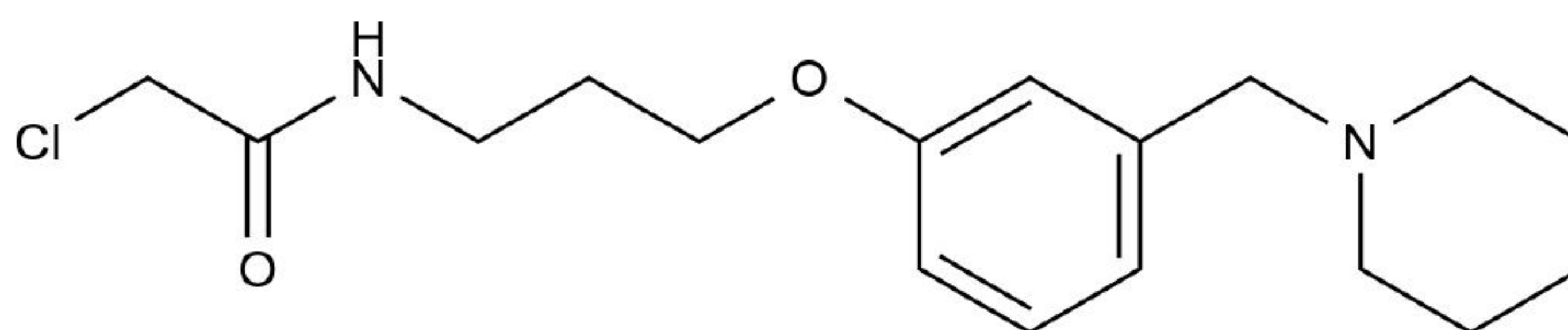


Certificate of Analysis

Reference Material & Standard

Product Name:	Roxatidine Impurity 21	Catalogue Number:	C4X-121321
Synonyms:	N/A	Lot Number:	0620-RD-0025
CAS Number:	108441-34-5	Expiry Date:	Jul 30, 2027
Molecular Formula:	C ₁₇ H ₂₅ ClN ₂ O ₂ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	324.85 36.46		



Chemical Structure:

Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.233%
Loss On Drying	TGA	0.1614%
Assay		97.1%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 31, 2024

Date: Jul 31, 2024

Date: Jul 31, 2024

