

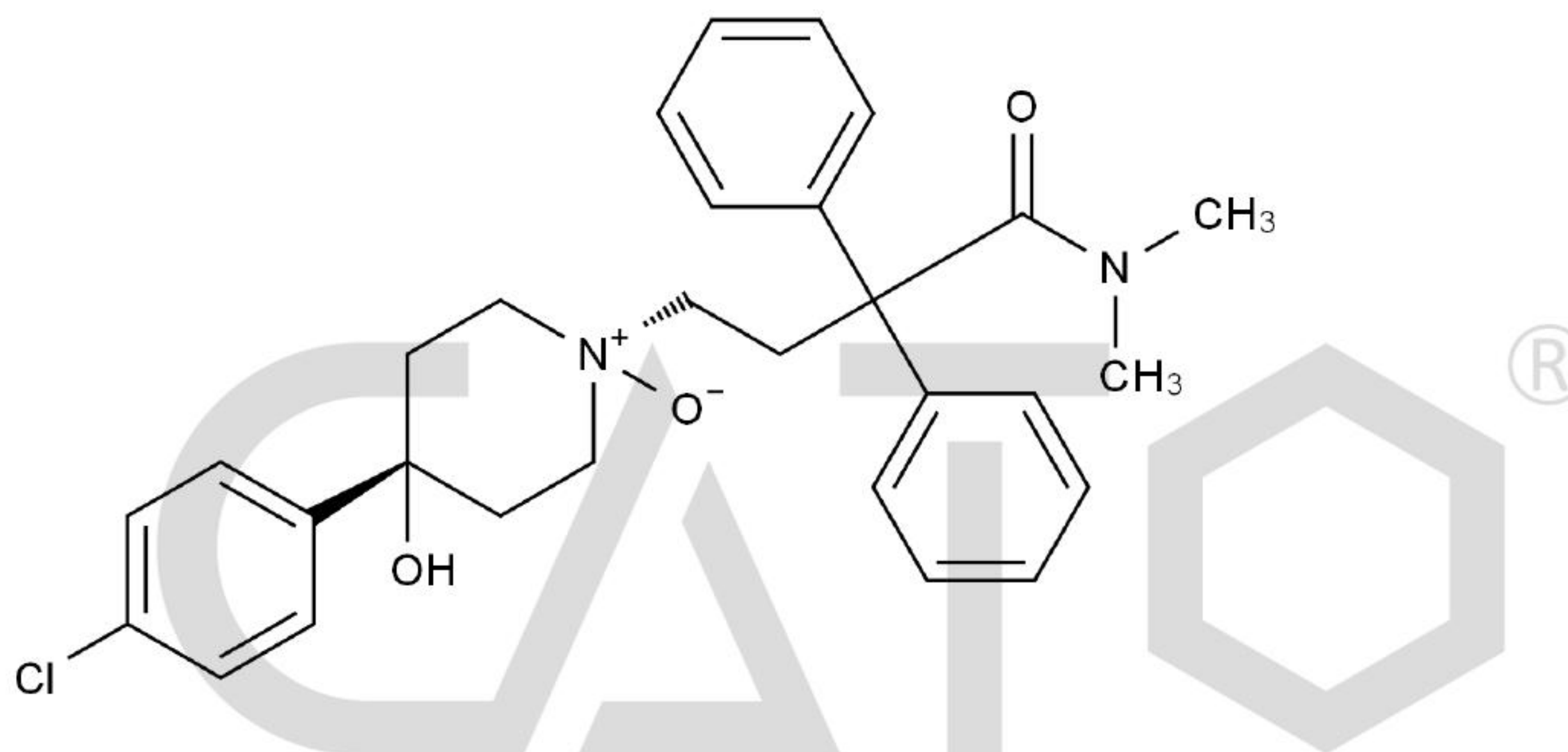
Certificate of Analysis

Reference Material & Standard

Product Name:	Loperamide EP Impurity F	Catalogue Number:	C4X-17886
Synonyms:	loperamide hydrochloride trans-N-oxide	Lot Number:	0527-RG-0072
CAS Number:	106900-12-3	Expiry Date:	May 27, 2028
Molecular Formula:	C ₂₉ H ₃₃ ClN ₂ O ₃	Storage:	-20°C ± 5°C Protected from light and Sealed
Molecular Weight:	493.04	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.8%
Assay	qNMR	94.5%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: May 30, 2025

Date: May 30, 2025

Date: May 30, 2025

