

Certificate of Analysis

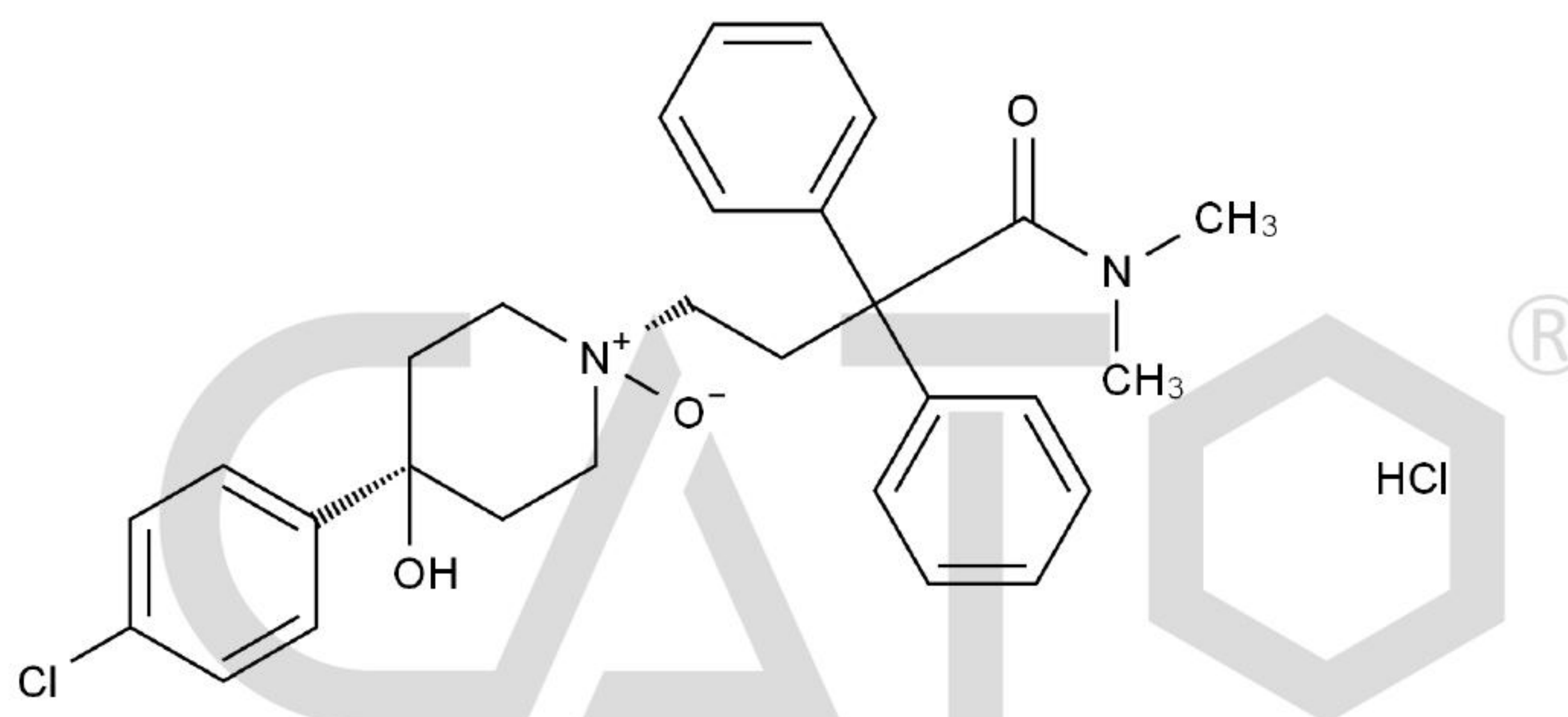
Reference Material & Standard

Product Name:	Loperamide EP Impurity G HCl	Catalogue Number:	C4X-17887
Synonyms:	N/A	Lot Number:	0222-RF-0034
CAS Number:	109572-89-6(free base)	Expiry Date:	Feb 21, 2027
Molecular Formula:	C ₂₉ H ₃₃ ClN ₂ O ₃ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	493.04 36.46	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.2%
Assay	qNMR	93.3%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Feb 22, 2024

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