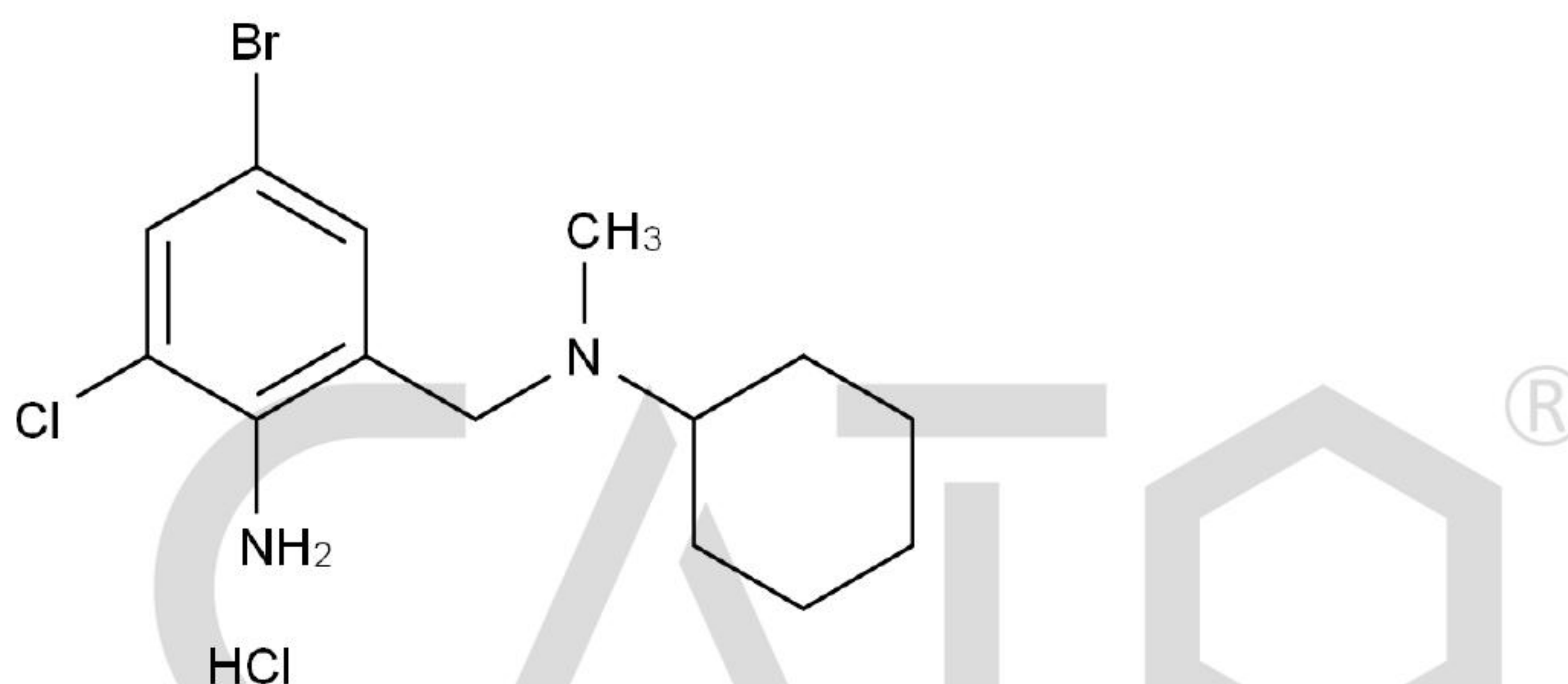


Certificate of Analysis

Reference Material & Standard

Product Name:	Bromhexine Impurity 7 HCl	Catalogue Number:	C4X-106033
Synonyms:	Bromhexine Related Compound 1 HCl	Lot Number:	0315-RF-0058
CAS Number:	1631131-52-6(Free Base)	Expiry Date:	Mar 14, 2027
Molecular Formula:	C ₁₄ H ₂₀ BrClN ₂ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	331.68 36.46	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.9%
Assay	qNMR	97.3%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Aproved by General Manager:

David

Date: Mar 20, 2024

Date: Mar 20, 2024

Date: Mar 20, 2024

