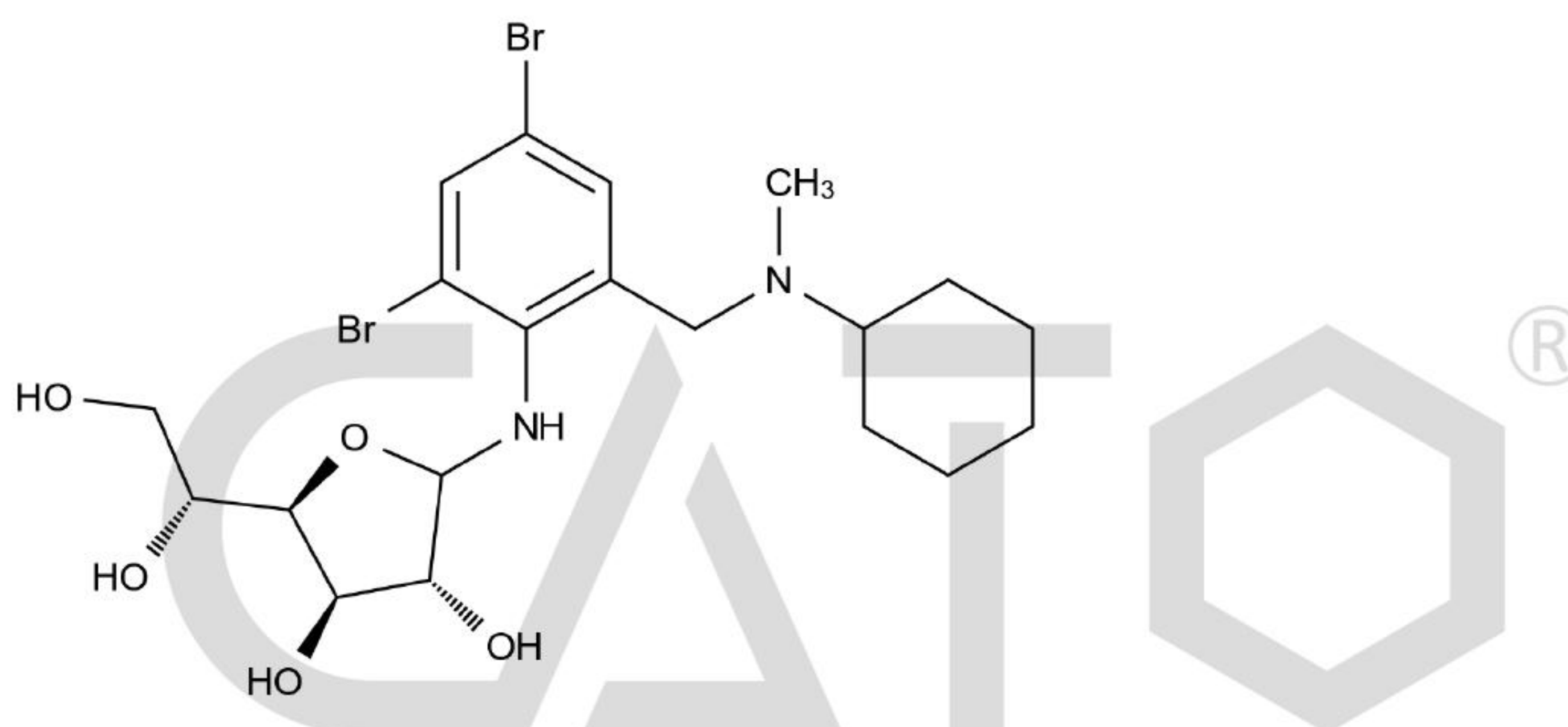


Certificate of Analysis

Reference Material & Standard

Product Name:	Bromhexine Impurity 31	Catalogue Number:	C4X-106031
Synonyms:	N/A	Lot Number:	1225-RG-0085
CAS Number:	N/A	Expiry Date:	Dec 30, 2029
Molecular Formula:	C ₂₀ H ₃₀ Br ₂ N ₂ O ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	538.27	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HMBC&CNMR&DEPT&1H-1H COSY&1H-1H-NOESY&HSQC&HNMR	Confirmed
Purity	HPLC	99.2%
Assay	qNMR	96.2%

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jan 13, 2026

Date: Jan 13, 2026

Date: Jan 13, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

