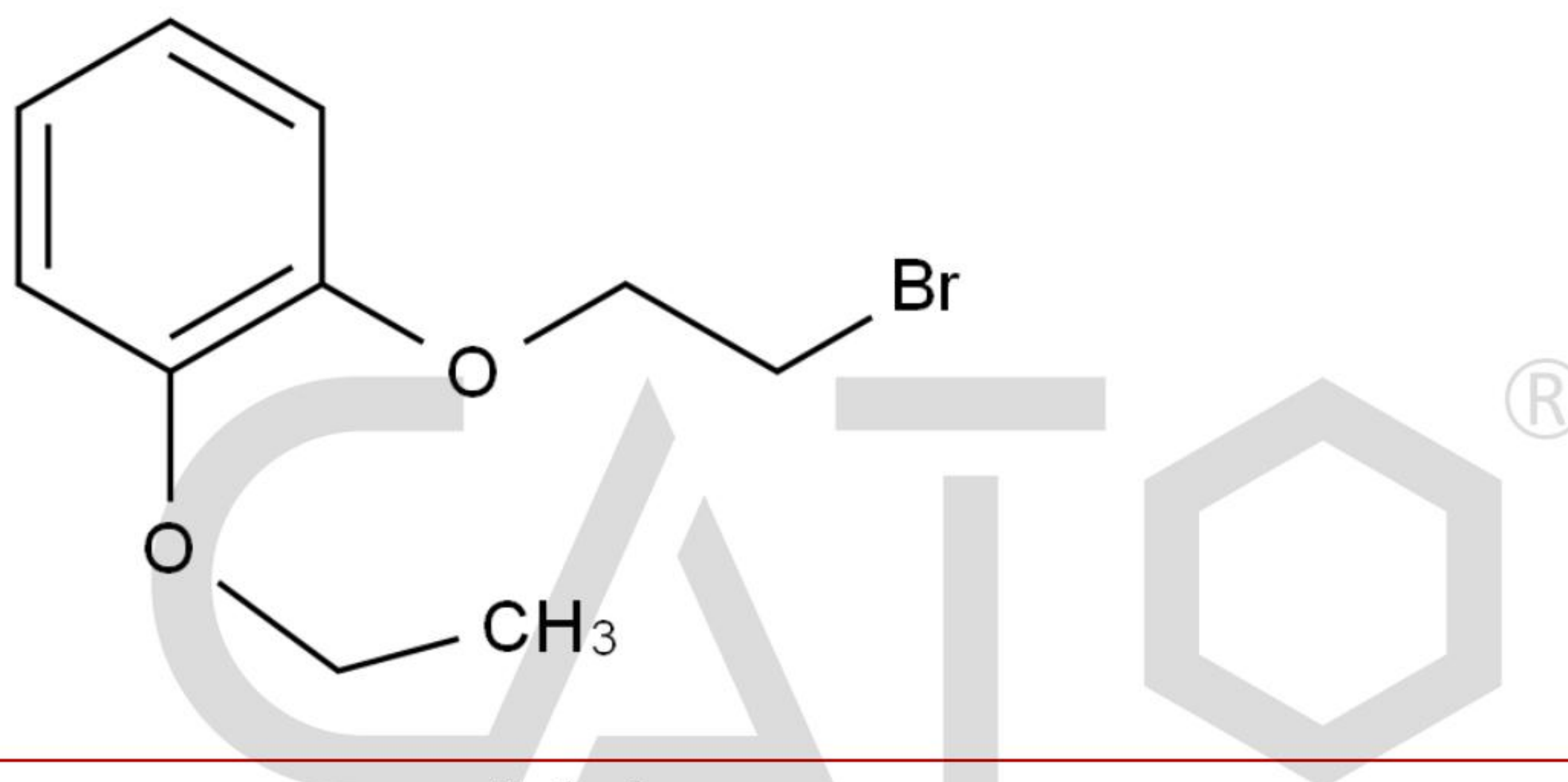


Certificate of Analysis

Reference Material & Standard

Product Name:	Tamsulosin EP Impurity I	Catalogue Number:	C4X-11879
Synonyms:	N/A	Lot Number:	C5-12-17
CAS Number:	3259-03-8	Expiry Date:	Oct 18, 2026
Molecular Formula:	C ₁₀ H ₁₃ BrO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	245.11	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.677%
Loss On Drying	TGA	0.6670%
Assay		98.0%

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

Aporoved by General Manager:

David

Date: Apr 26, 2024

Date: Apr 26, 2024

Date: Apr 26, 2024

