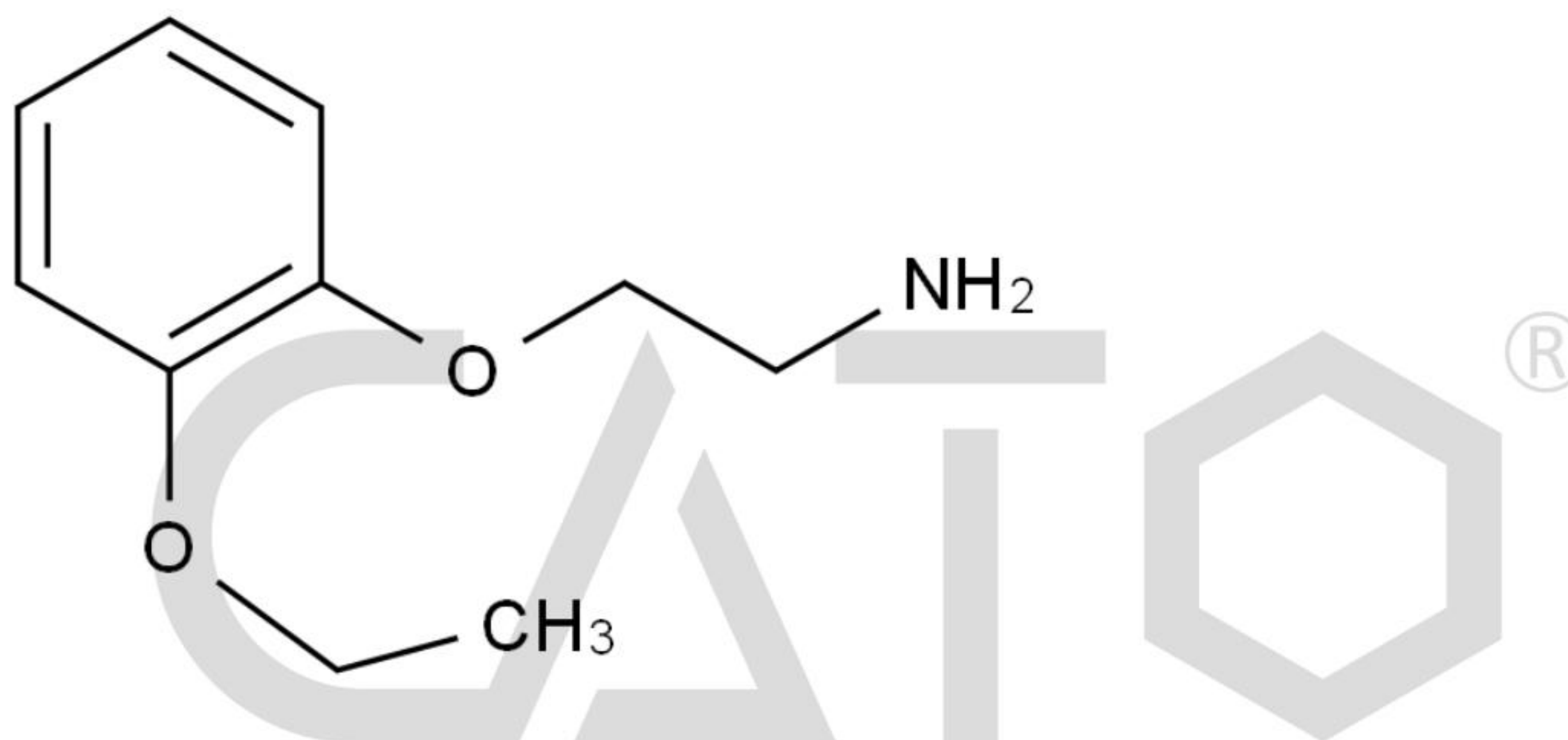


Certificate of Analysis

Reference Material & Standard

Product Name:	Tamsulosin EP Impurity F	Catalogue Number:	C4X-11876
Synonyms:	N/A	Lot Number:	1019-RE-0021
CAS Number:	6781-17-5	Expiry Date:	Oct 22, 2026
Molecular Formula:	C ₁₀ H ₁₅ NO ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	181.23	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.822%
Loss On Drying	TGA	5.8483%
Assay		93.0%

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

Aproved by General Manager:

David

Date: Apr 26, 2024

Date: Apr 26, 2024

Date: Apr 26, 2024

