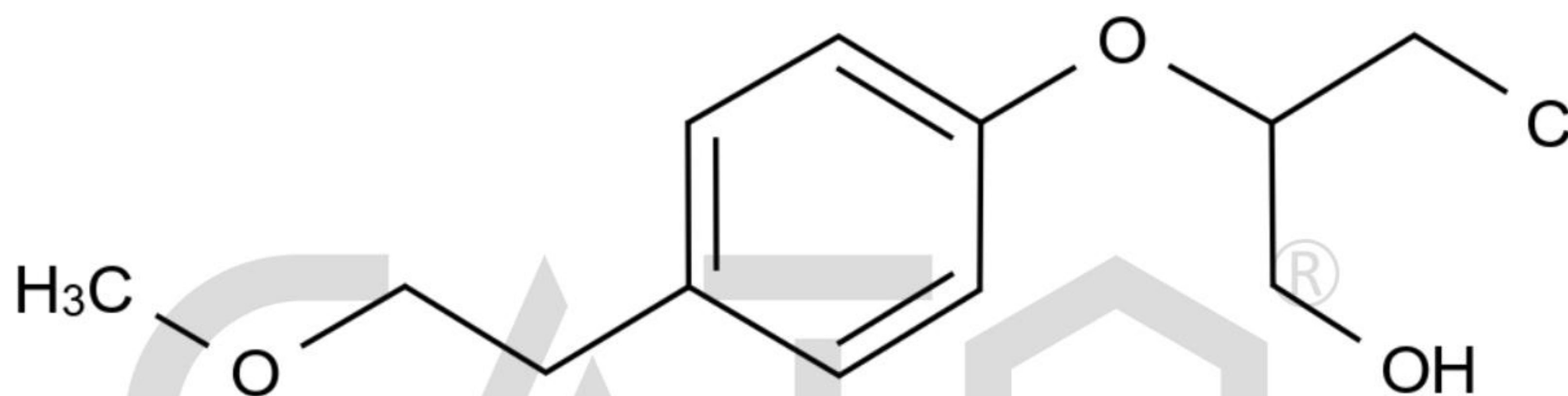


Certificate of Analysis

Reference Material & Standard

Product Name:	Metoprolol Impurity 51	Catalogue Number:	C4X-136751
Synonyms:	N/A	Lot Number:	0909-RG-0034
CAS Number:	2517349-25-4	Expiry Date:	Sep 10, 2028
Molecular Formula:	C ₁₂ H ₁₇ ClO ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	244.71		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.6%
Assay	qNMR	98.3%

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 11, 2025

Date: Sep 11, 2025

Date: Sep 11, 2025



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>

