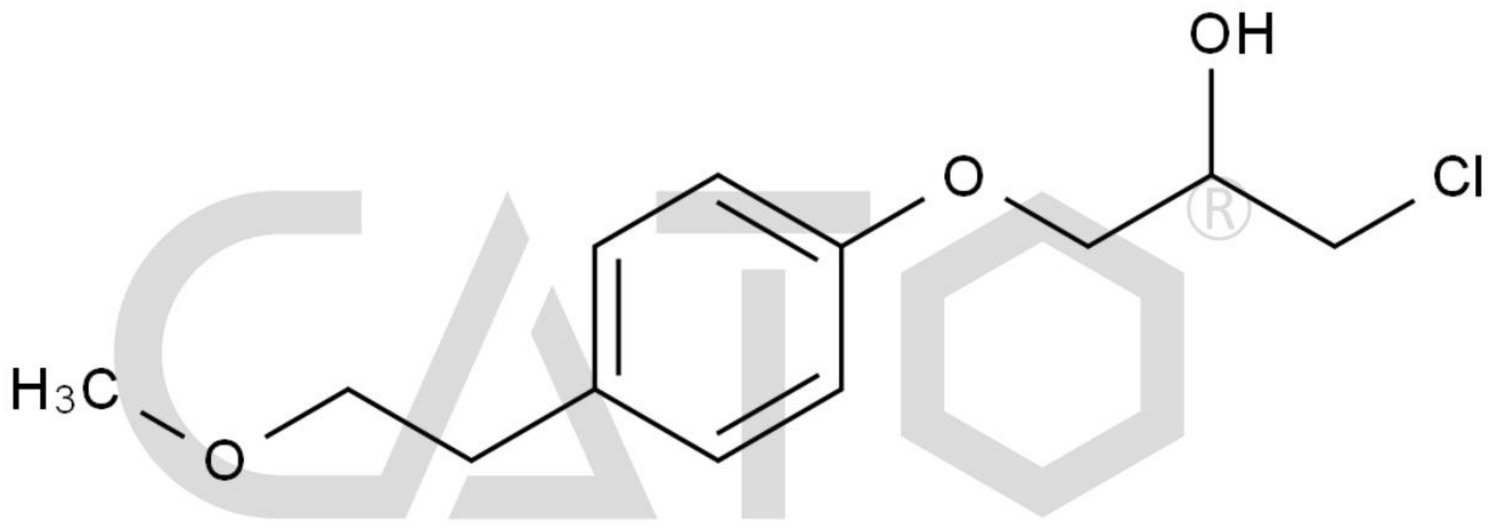
# Certificate of Analysis

## Reference Material & Standard

| | | | |
|---|---|---|---|
| **Product Name:** | Metoprolol USP Related Compound B | **Catalogue Number:** | C4X-136716 |
| **Synonyms:** | N/A | **Lot Number:** | 0508-RG-0039 |
| **CAS Number:** | 56718-76-4 | **Expiry Date:** | May 06, 2028 |
| **Molecular Formula:** | $C_{12}H_{17}ClO_3$ | **Storage:** | -20°C±5°C Protected from light and Sealed |
| **Molecular Weight:** | 244.71 | **Shipping Condition:** | Shipping with Ice Packs |
| | | **Warning:** |  |

**Chemical Structure:**




| Test Items | Method | Results |
|---|---|---|
| **Appearance** | Visual inspection | Colourless Oil |
| **Identification** | GCMS&IR&UV&CNMR&HNMR | Confirmed |
| **Purity** | HPLC | 96.5% |
| **Assay** | qNMR | 95.7% |

CATO Research Chemicals Inc.

**Signature:**

Prepared by: Alice Date: Nov 04, 2026

Reviewed by: Koi Date: Nov 04, 2026

Approved by General Manager: David Date: Nov 04, 2026

CATO Research Chemicals Inc.