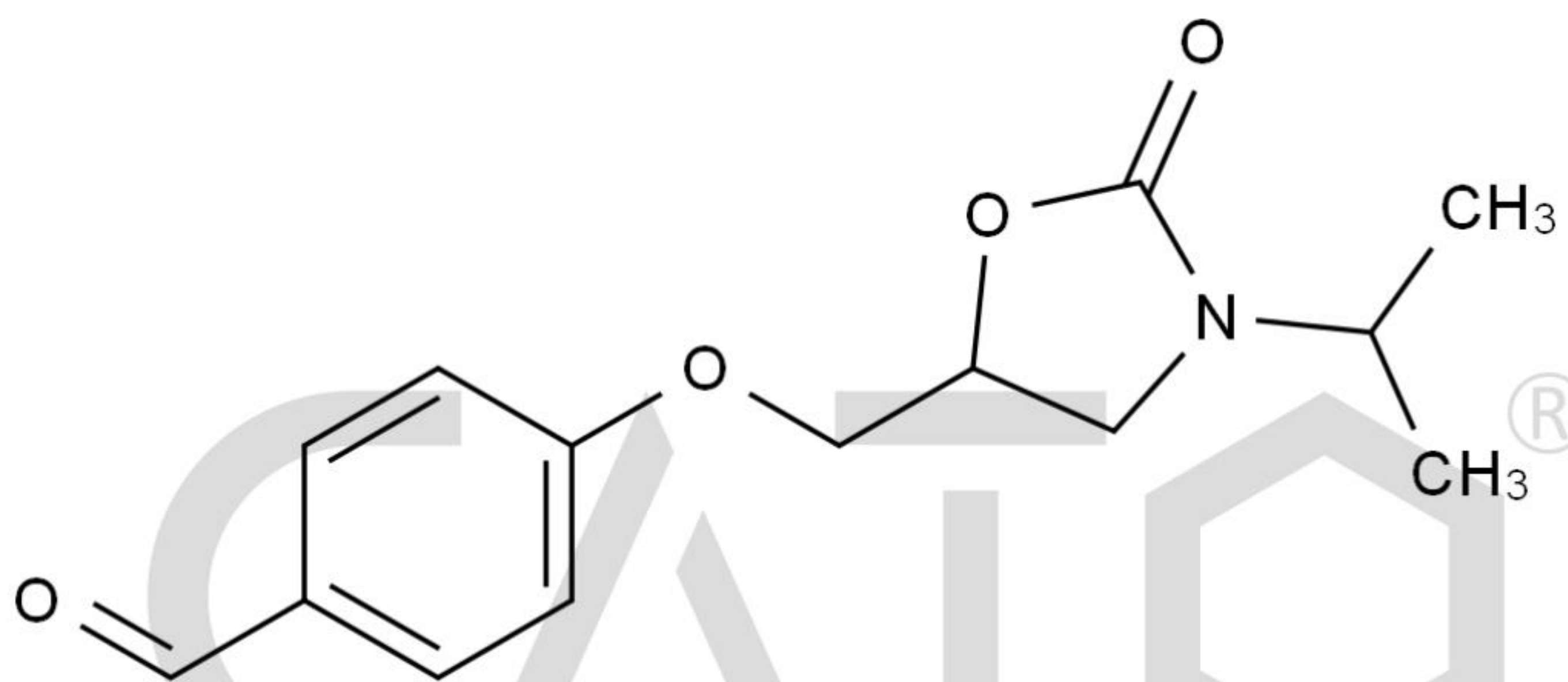


Certificate of Analysis

Reference Material & Standard

Product Name:	Bisoprolol EP Impurity T	Catalogue Number:	C4X-124720
Synonyms:	N/A	Lot Number:	0526-RG-0061
CAS Number:	1173203-26-3	Expiry Date:	Nov 04, 2027
Molecular Formula:	C ₁₄ H ₁₇ NO ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	263.29		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.623%
Water Content	Karl Fischer	2.19%
Residual Solvents	NMR	Not detected in NMR
Assay		97.4%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: May 26, 2025

Date: May 26, 2025

Date: May 26, 2025

