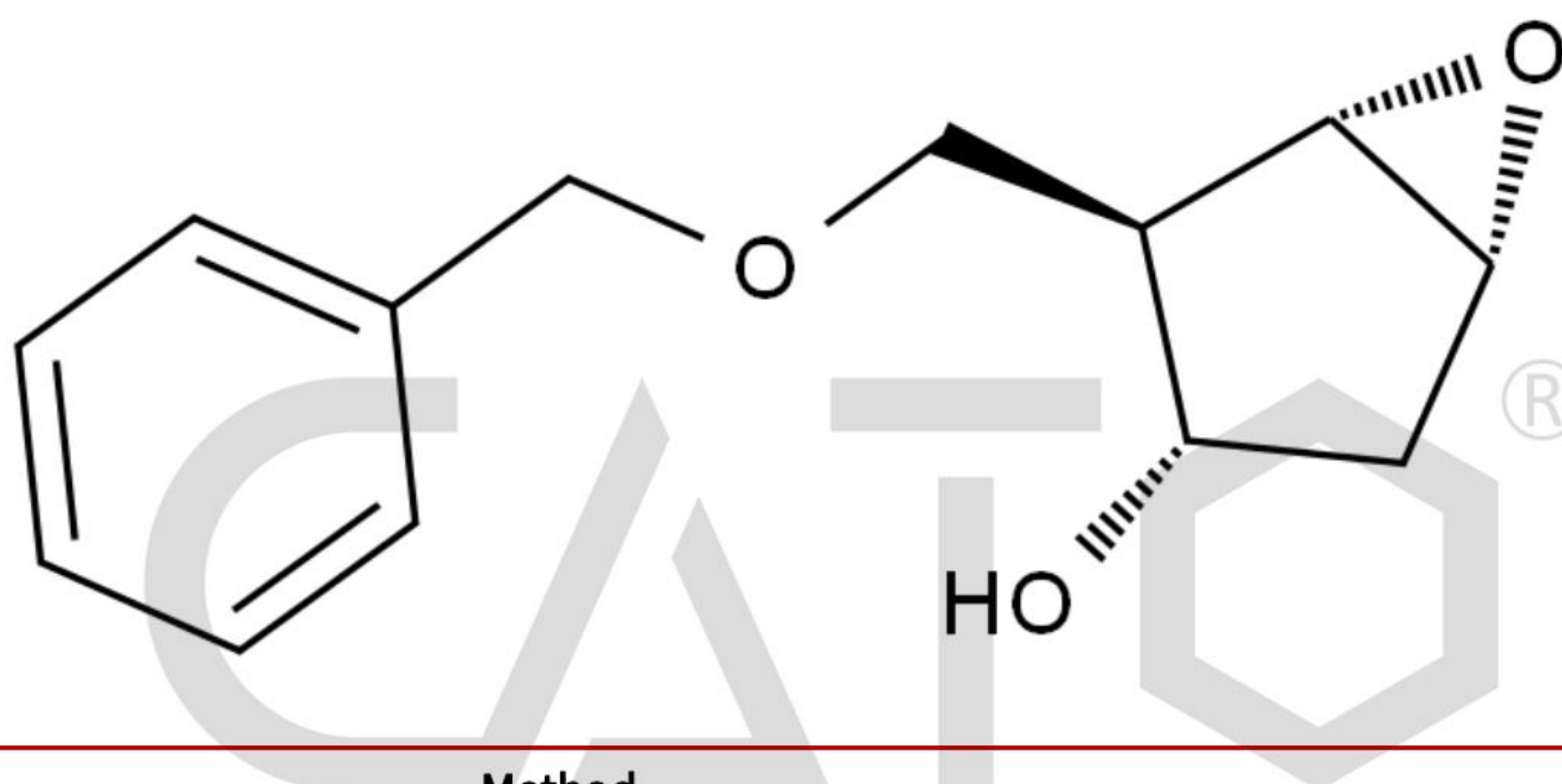


Certificate of Analysis

Reference Material & Standard

Product Name:	Entecavir Impurity 24	Catalogue Number:	C4X-107724
Synonyms:	N/A	Lot Number:	0226-RG-0030
CAS Number:	117641-39-1	Expiry Date:	Feb 27, 2028
Molecular Formula:	C ₁₃ H ₁₆ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	220.26		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.9%
Optical Rotation		[α] _D ^{25.0} (c=1.07, CHCl ₃): +43.74°
Assay	qNMR	97.6%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Feb 28, 2025

Date: Mar 03, 2025

Date: Mar 03, 2025

