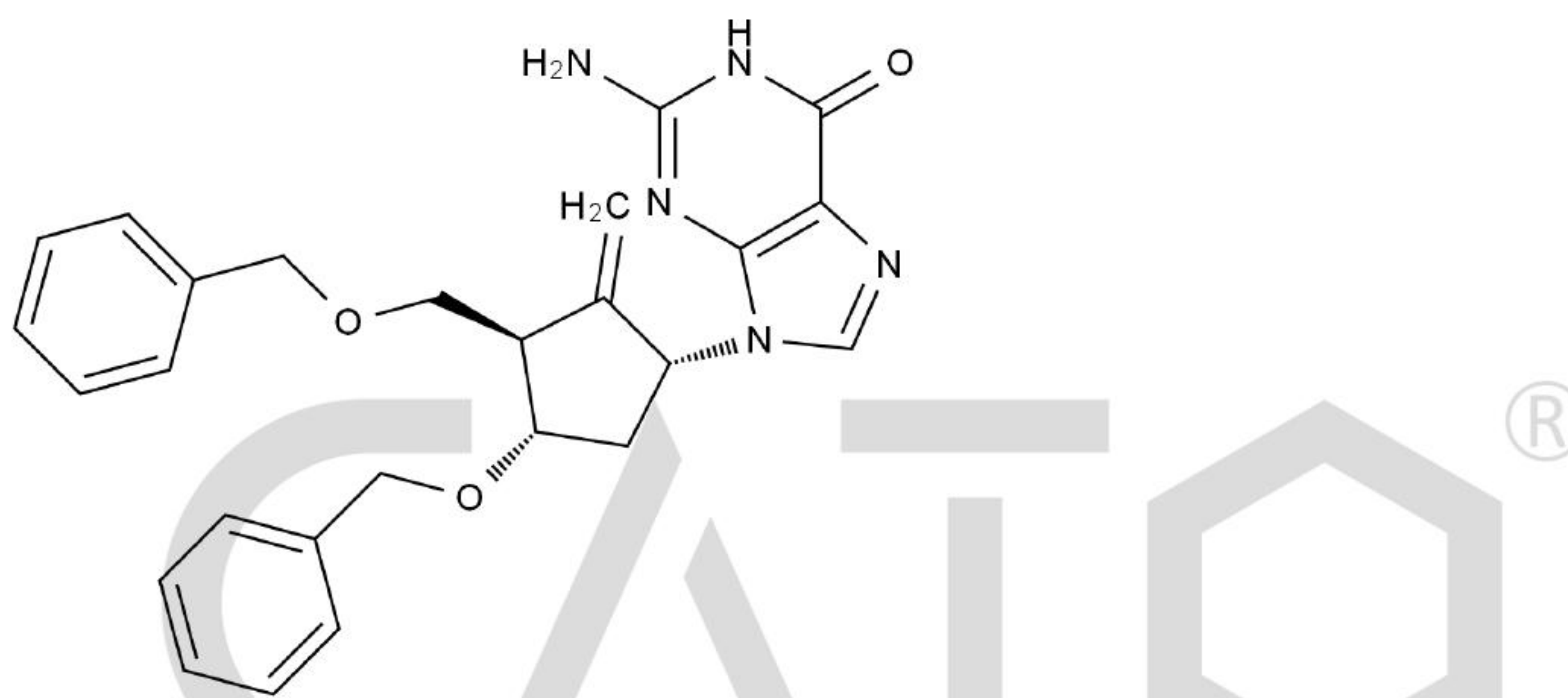


Certificate of Analysis

Reference Material & Standard

Product Name:	Entecavir Impurity 54	Catalogue Number:	C4X-107754
Synonyms:	N/A	Lot Number:	0313-RG-0072
CAS Number:	1354695-86-5	Expiry Date:	Jul 18, 2026
Molecular Formula:	C ₂₆ H ₂₇ N ₅ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	457.52		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.2416%
Loss On Drying	TGA	0.697%
Assay		96.6%

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:

Lily

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Mar 13, 2025

Date: Mar 13, 2025

Date: Mar 13, 2025

