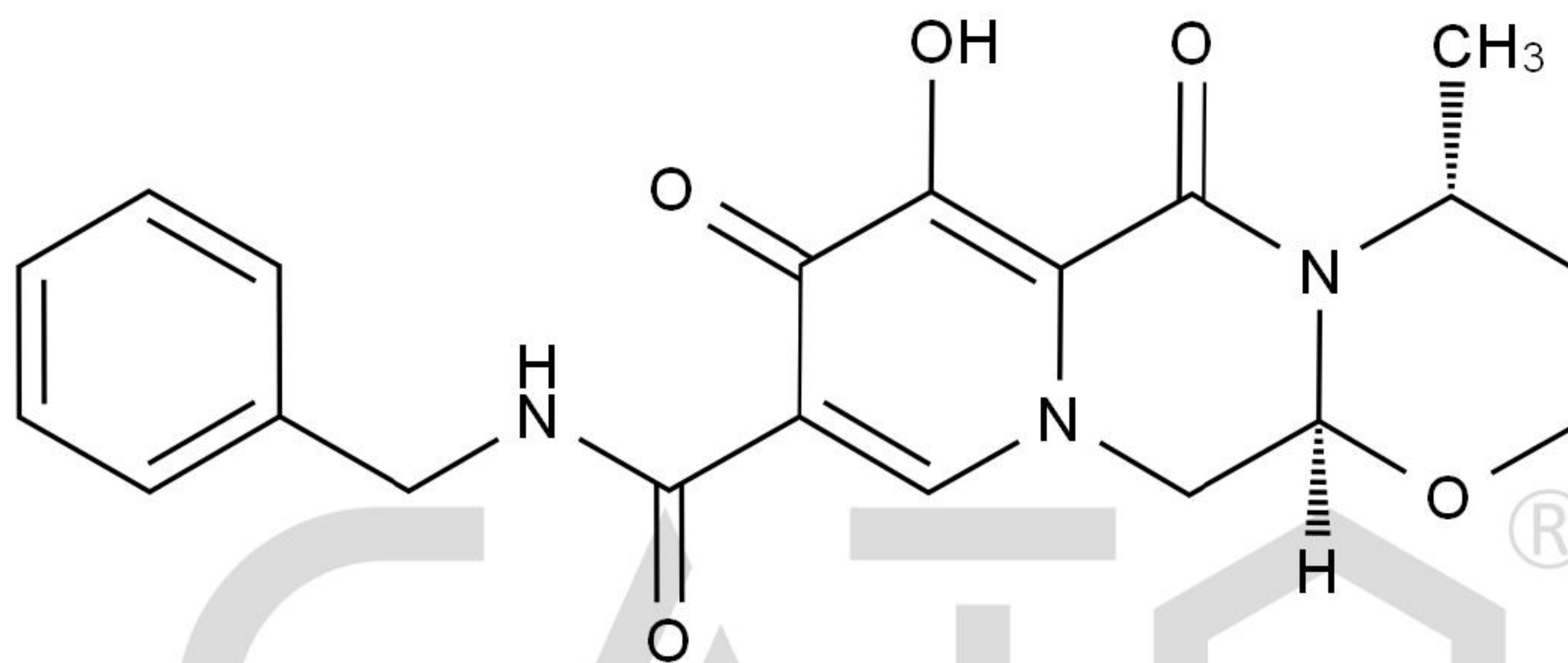


Certificate of Analysis

Reference Material

Product Name:	Dolutegravir Impurity 5	Catalogue Number:	C4X-16205
Chemical Name:	N/A	Lot Number:	0814-RE-0071
CAS Number:	2244161-71-3	Expiry Date:	Aug 15, 2026
Molecular Formula:	C ₂₀ H ₂₁ N ₃ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	383.40		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.543%
Loss On Drying	TGA	0.3354%
Assay		97.2%

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:

Nice

Reviewed by:

Koi

Aproved by General manager:

David

Date: Aug 16, 2023

Date: Aug 16, 2023

Date: Aug 16, 2023

