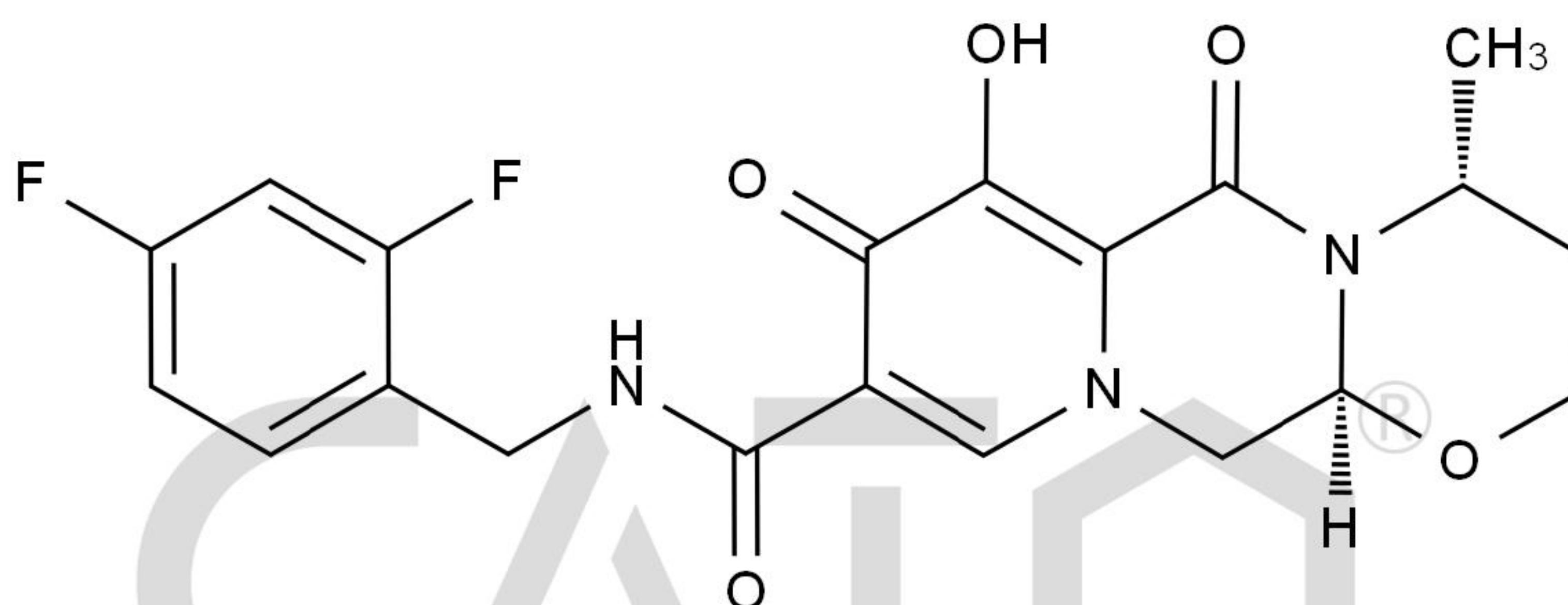


Certificate of Analysis

Reference Material & Standard

Product Name:	Dolutegravir	Catalogue Number:	C4X-1620
Synonyms:	N/A	Lot Number:	0907-RB-0046
CAS Number:	1051375-16-6	Expiry Date:	Nov 19, 2027
Molecular Formula:	C ₂₀ H ₁₉ F ₂ N ₃ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	419.38		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.580%
Residue on Ignition	Muffle Furnace	0.26%
Loss On Drying	TGA	0.0290%
Assay		99.3%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 29, 2025

Date: Aug 29, 2025

Date: Aug 29, 2025

