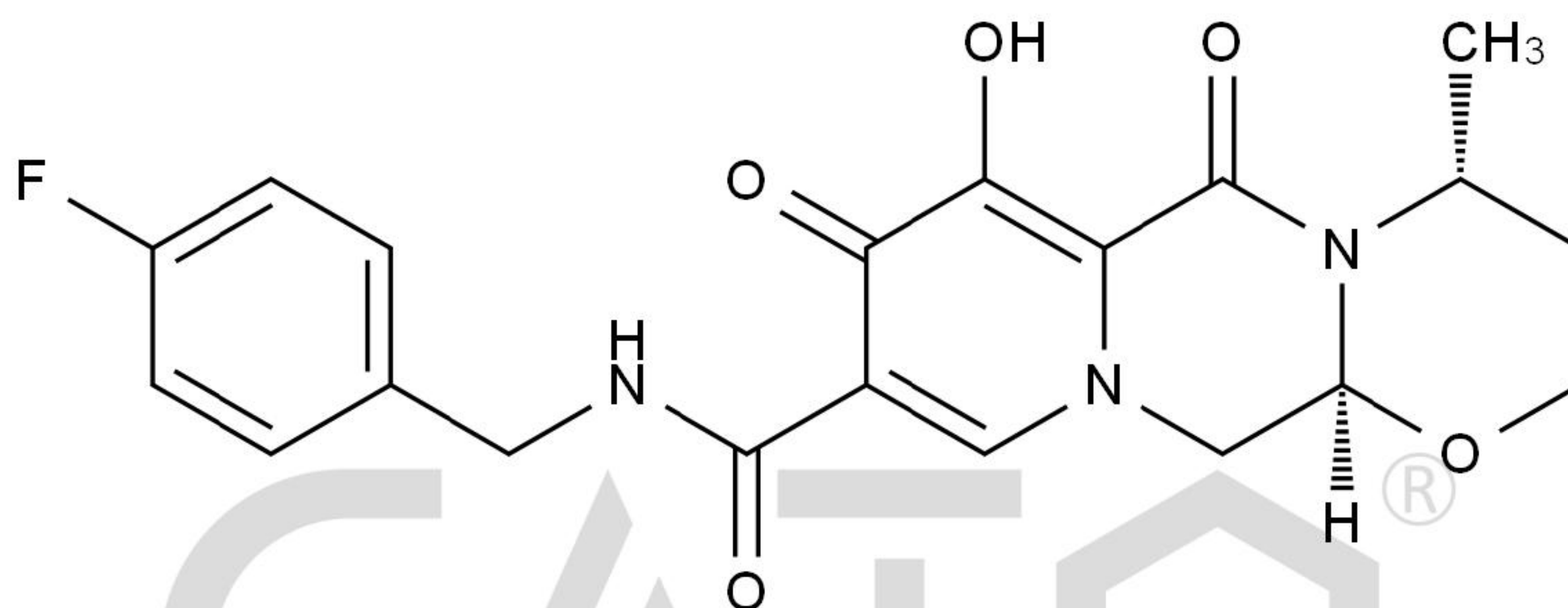


Certificate of Analysis

Reference Material

Product Name:	Dolutegravir Impurity 8	Catalogue Number:	C4X-16208
Chemical Name:	N/A	Lot Number:	0814-RE-0065
CAS Number:	1863916-88-4	Expiry Date:	Aug 15, 2026
Molecular Formula:	C ₂₀ H ₂₀ FN ₃ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	401.39		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.201%
Loss On Drying	TGA	0.8065%
Assay		96.4%

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

