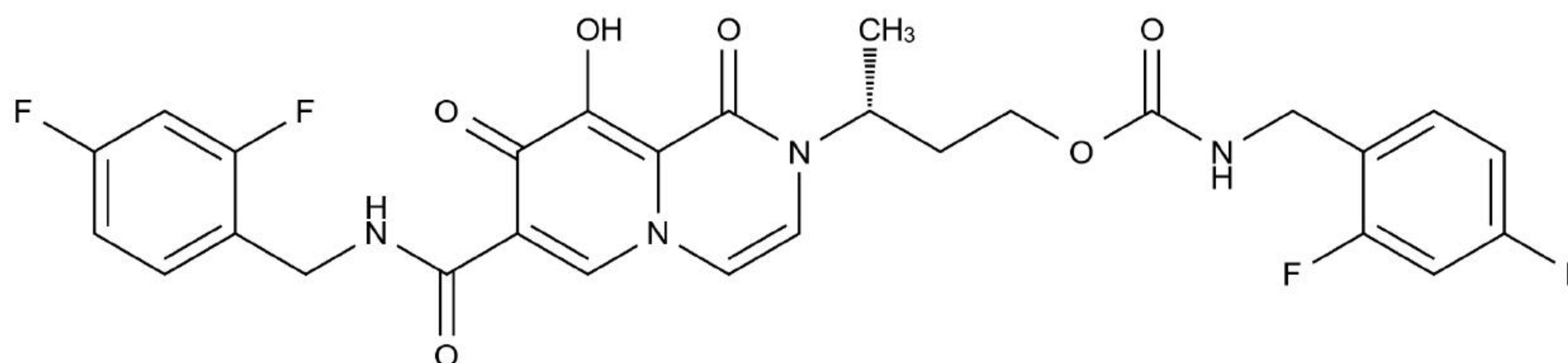


Certificate of Analysis

Reference Material

Product Name:	Dolutegravir Impurity 16	Catalogue Number:	C4X-162016
Chemical Name:	N/A	Lot Number:	0814-RE-0070
CAS Number:	2244161-73-5	Expiry Date:	Aug 15, 2026
Molecular Formula:	C ₂₈ H ₂₄ F ₄ N ₄ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	588.51		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.585%
Loss On Drying	TGA	2.2528%
Assay		95.4%

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

Aporoved by General manager:

David

Date: Aug 16, 2023

Date: Aug 16, 2023

Date: Aug 16, 2023

