

Certificate of Analysis

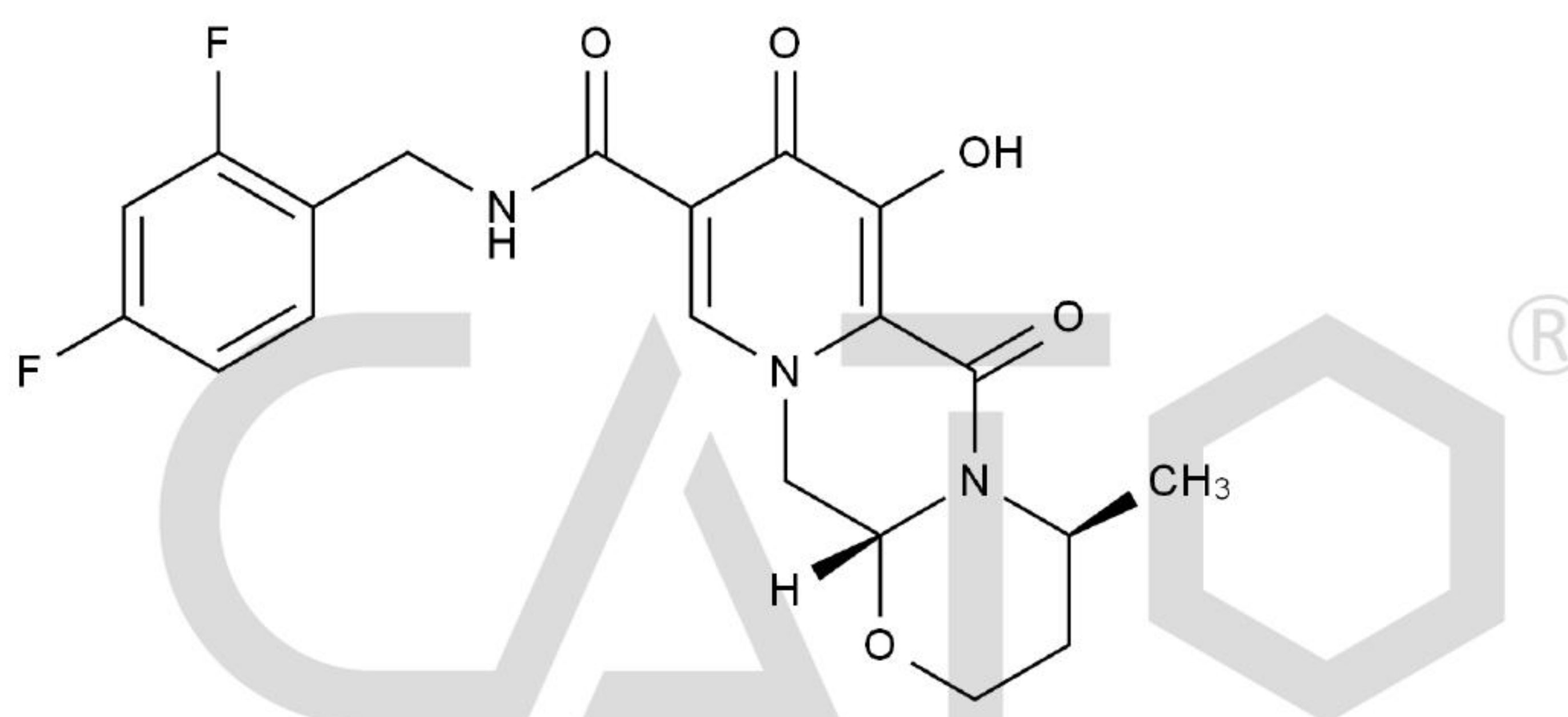
Reference Material & Standard

Product Name:	Dolutegravir Impurity 2	Catalogue Number:	C4X-16202
Synonyms:	N/A	Lot Number:	0607-RD-0005
CAS Number:	1309560-49-3	Expiry Date:	Jan 15, 2030
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	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.37%
Loss on Drying	TGA	0.8530%
Assay		98.5%

Comment:

The calculation of the mass balance 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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 23, 2026

Date: Jun 24, 2026

Date: Jun 24, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: https://www.cato-chem.com

Page 1 of 10



Official WeChat