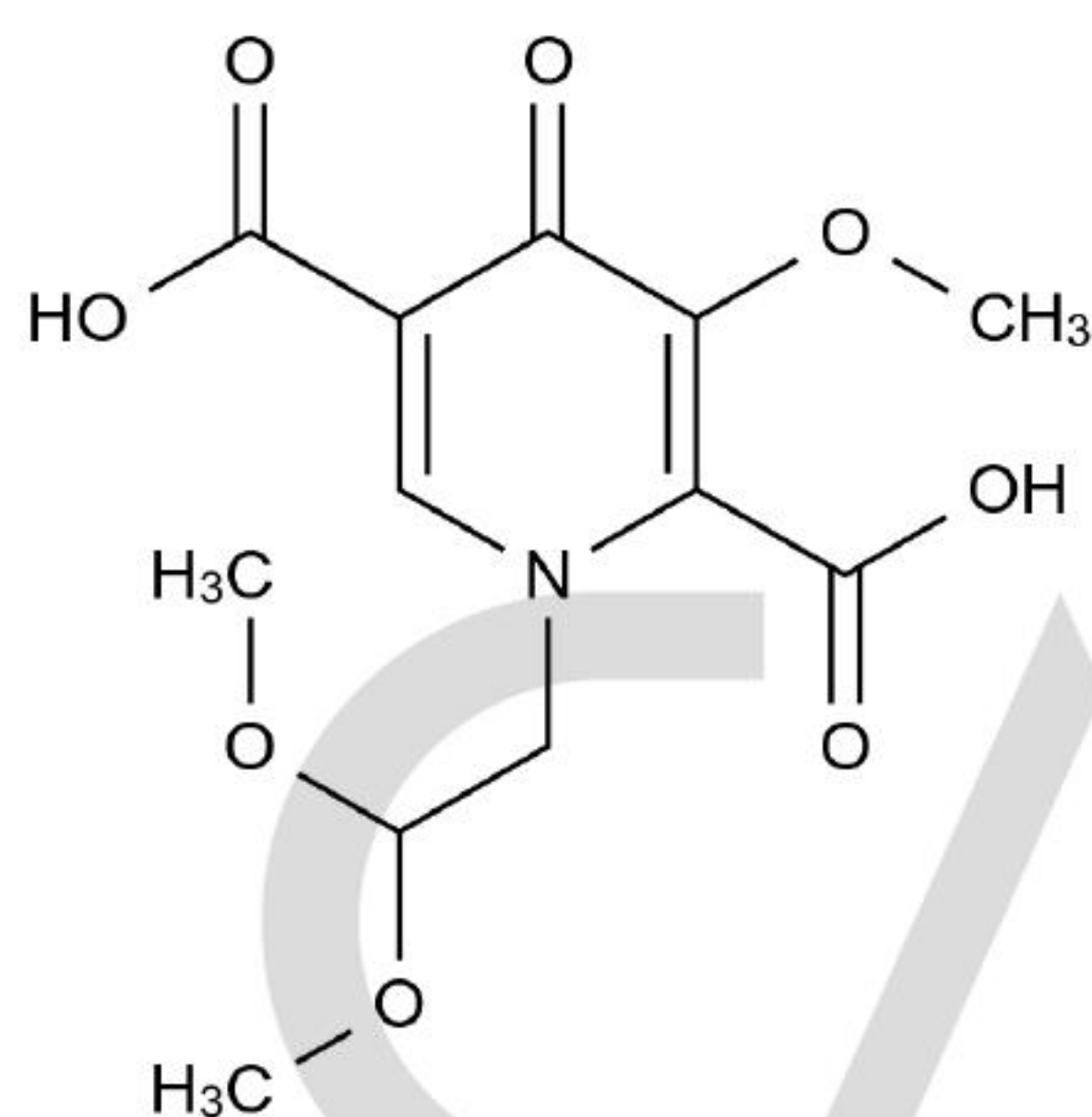


Certificate of Analysis

Reference Material & Standard

Product Name:	Dolutegravir Impurity 43	Catalogue Number:	C4X-162043
Synonyms:	N/A	Lot Number:	0916-RG-0136
CAS Number:	2651309-06-5	Expiry Date:	Sep 14, 2027
Molecular Formula:	C ₁₂ H ₁₅ NO ₈	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	301.25		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.14%
Loss On Drying	TGA	0.2848%
Assay		97.9%

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:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Sep 19, 2025

Date: Sep 19, 2025

Date: Sep 19, 2025



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