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CERTIFICATE OF ANALYSIS

Analysis Date: May 2026

Re-test Date: Apr 2029

Product Name: Dolutegravir Impurity A

Identification:

Chemical Name: (4S,12aR)-N-(2,4-Difluorobenzyl)-7-hydroxy-4-methyl-6,8-dioxo-3,4,6,8,12,12a-hexahydro-2H-pyrido[1',2':4,5]pyrazino[2,1-b][1,3]oxazine-9-carboxamide

Synonyms : Dolutegravir SR Isomer ;
Dolutegravir Enantiomer
Impurity

CAS Number : 1309560-49-3

CAT Number : CP-D24001

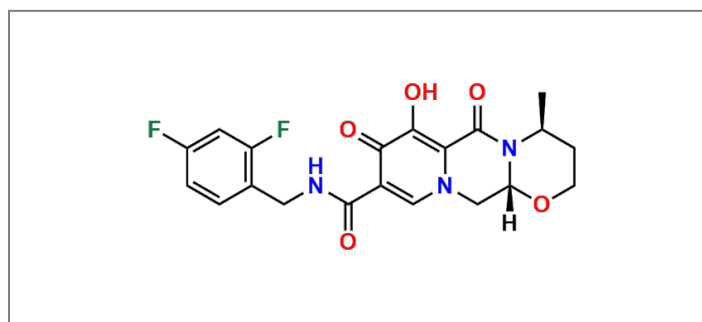
Molecular Formula : C₂₀H₁₉F₂N₃O₅

Molecular Weight : 419.38

Batch Number : CP-DOL-A-1025

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	100.00%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.257%
9)	Potency by TGA	99.74%



Prepared and Reviewed By

A handwritten signature in black ink, appearing to read "Shubham Bondre", written over a horizontal line.

Mr. Shubham Bondre
(Quality Control)

Approved By

A handwritten signature in black ink, appearing to read "Abhijit Kale", written over a horizontal line.

Mr. Abhijit Kale
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.