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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Dolutegravir Impurity C

Identification:

Chemical Name: (4R,12aS)-N-(2-Fluorobenzyl)-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 4-Desfluoro
Impurity ; 2-Fluoro Dolutegravir
; Dolutegravir IP Impurity D

CAS Number : 1863916-87-3

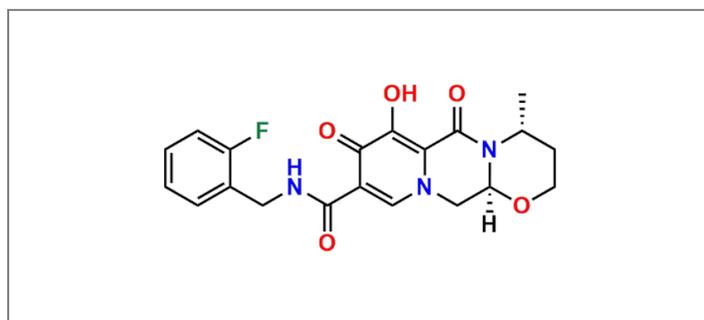
CAT Number : CP-D24003

Molecular Formula : C₂₀H₂₀FN₃O₅

Molecular Weight : 401.39

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	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Quality Control)

Approved By



Mr. Abhijit Kale
(Quality Assurance)

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