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## CERTIFICATE OF ANALYSIS

Analysis Date:

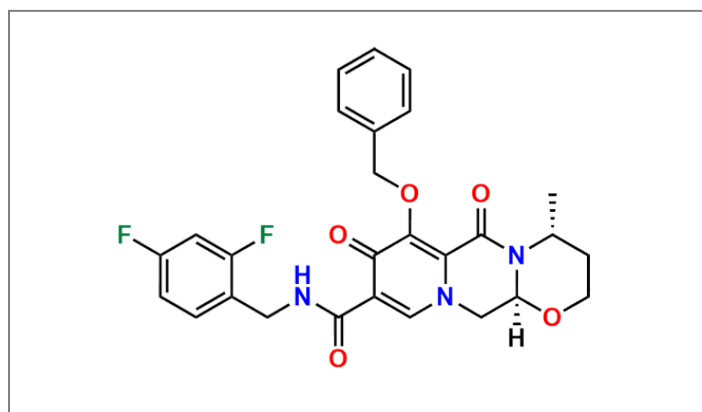
Re-test Date:

**Product Name: Dolutegravir Impurity 1**

### Identification:

Chemical Name: (4R,12aS)-N-[(2,4-Difluorophenyl)methyl]-3,4,6,8,12,12a-hexahydro-4-methyl-6,8-dioxo-7-(phenylmethoxy)-2H-pyrido[1',2':4,5]pyrazino[2,1-b][1,3]oxazine-9-carboxamide

Synonyms : NA  
CAS Number : 1206102-11-5  
CAT Number : CP-D24025  
Molecular Formula : C<sub>27</sub>H<sub>25</sub>F<sub>2</sub>N<sub>3</sub>O<sub>5</sub>  
Molecular Weight : 509.51



### 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)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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