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## CERTIFICATE OF ANALYSIS

Analysis Date:

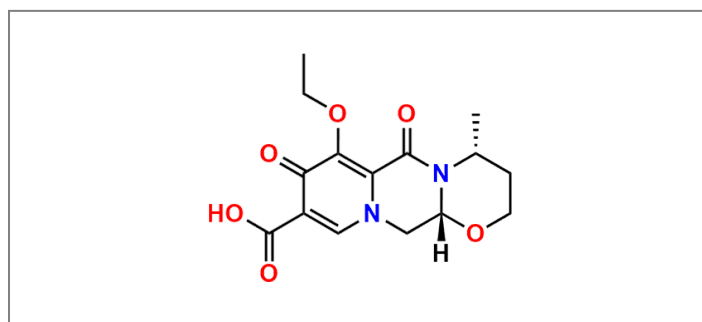
Re-test Date:

**Product Name: Dolutegravir Impurity 31**

### Identification:

Chemical Name: (4R,12aR)-7-Ethoxy-4-methyl-6,8-dioxo-3,4,6,8,12,12a-hexahydro-2H-pyrido[1'1',2':4,5]pyrazino[2,1-b][1,3]oxazine-9-carboxylic acid

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-D24057  
Molecular Formula : C<sub>15</sub>H<sub>18</sub>N<sub>2</sub>O<sub>6</sub>  
Molecular Weight : 322.3



### 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)	<sup>1</sup> HNMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

Ms Rohini Gagare  
(Quality Assurance)

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