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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Dolutegravir Impurity E

Identification:

Chemical Name: (4R,12aS)-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

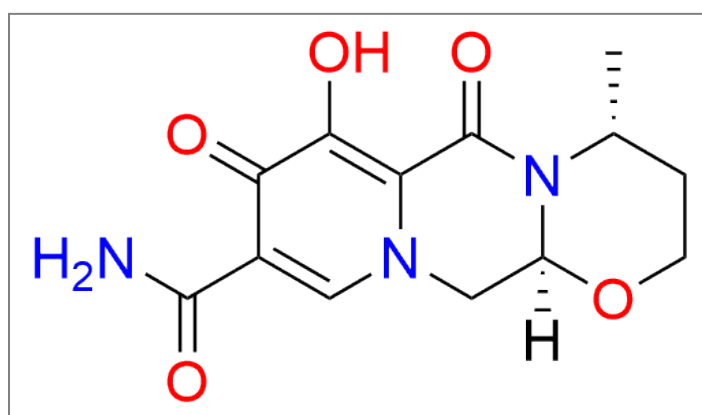
Synonyms : Dolutegravir Amide

CAS Number : 1485081-26-2

CAT Number : CP-D24005

Molecular Formula : C₁₃H₁₅N₃O₅

Molecular Weight : 293.28



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 | >98% |
| 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.