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## CERTIFICATE OF ANALYSIS

Analysis Date:

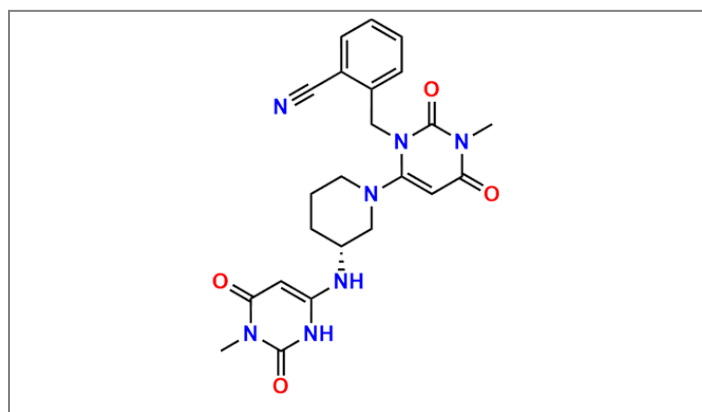
Re-test Date:

**Product Name: Alogliptin Related Compound 9**

### Identification:

Chemical Name: (R)-2-((3-methyl-6-(3-((1-methyl-2,6-dioxo-1,2,3,6-tetrahydropyrimidin-4-yl)amino)piperidin-1-yl)-2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl)methyl)benzonitrile

Synonyms : NA  
CAS Number : 2748301-64-4  
CAT Number : CP-A13081  
Molecular Formula : C<sub>23</sub>H<sub>25</sub>N<sub>7</sub>O<sub>4</sub>  
Molecular Weight : 463.5



### 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.