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## CERTIFICATE OF ANALYSIS

Analysis Date:

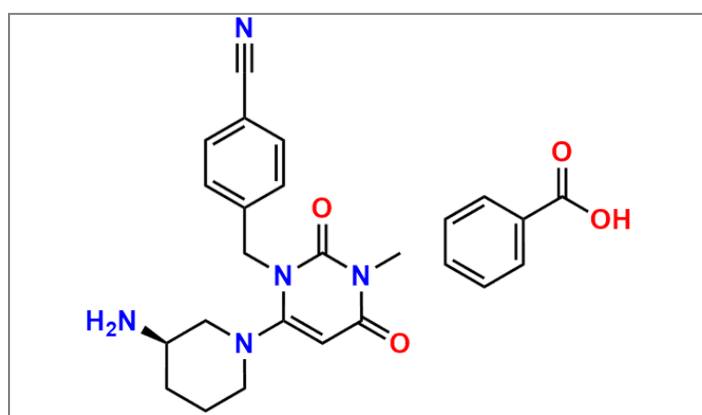
Re-test Date:

**Product Name: Alogliptin Impurity A (Benzoate salt)**

### Identification:

Chemical Name: (R)-4-((6-(3-aminopiperidin-1-yl)-3-methyl-2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl)methyl)benzonitrile benzoate

Synonyms : NA  
CAS Number : 1638544-63-4  
CAT Number : CP-A13062  
Molecular Formula : C<sub>18</sub>H<sub>21</sub>N<sub>5</sub>O<sub>2</sub> : C<sub>7</sub>H<sub>6</sub>O<sub>2</sub>  
Molecular Weight : 339.4 : 122.1



### 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.