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## CERTIFICATE OF ANALYSIS

Analysis Date:

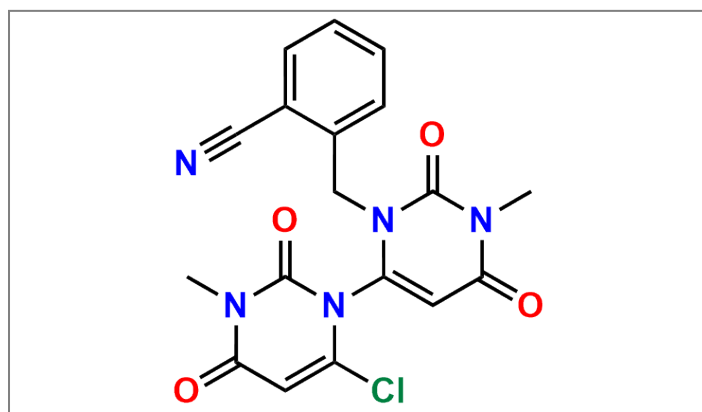
Re-test Date:

**Product Name: Alogliptin Impurity 2**

### Identification:

Chemical Name: 2-((6-Chloro-1',3-dimethyl-2,2',4,6'-tetraoxo-1',3,4,6'-tetrahydro-2H-[1,4'-bipyrimidin]-3'-(2'H)-yl)methyl)benzonitrile

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-A13036  
Molecular Formula : C<sub>18</sub>H<sub>14</sub>ClN<sub>5</sub>O<sub>4</sub>  
Molecular Weight : 399.79



### 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.