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## CERTIFICATE OF ANALYSIS

Analysis Date:

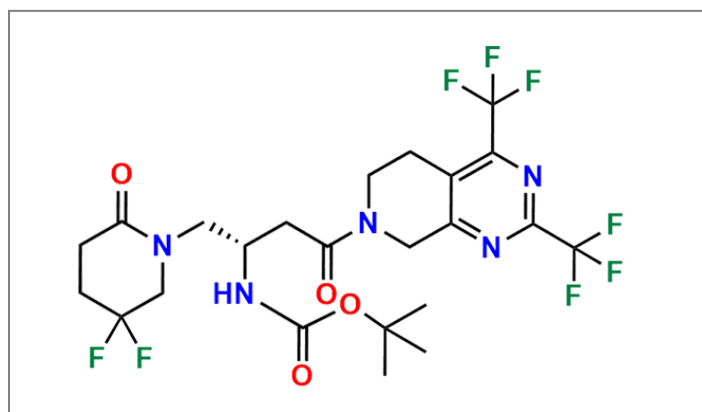
Re-test Date:

**Product Name: Gemigliptin Impurity 5**

### Identification:

Chemical Name: (S)-tert-Butyl (4-(2,4-bis(trifluoromethyl)-5,6-dihydropyrido[3,4-d]pyrimidin-7(8H)-yl)-1-(5,5-difluoro-2-oxopiperidin-1-yl)-4-oxobutan-2-yl)carbamate

Synonyms : NA  
CAS Number : 911637-18-8  
CAT Number : CP-G47003  
Molecular Formula : C<sub>23</sub>H<sub>27</sub>F<sub>8</sub>N<sub>5</sub>O<sub>4</sub>  
Molecular Weight : 589.49



### 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.