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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Sitagliptin Impurity 18**

### Identification:

Chemical Name: Tert-butyl (R)-(4-oxo-4-(3-(trifluoromethyl)-5,6-dihydro-[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl)-1-(2,4,5-trifluorophenyl)butan-2-yl)carbamate

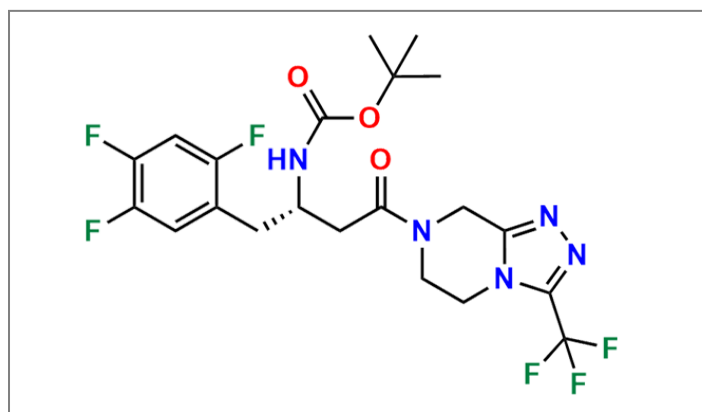
Synonyms : Sitagliptin N-Boc Impurity

CAS Number : 486460-23-5

CAT Number : CP-S3022

Molecular Formula : C<sub>21</sub>H<sub>23</sub>F<sub>6</sub>N<sub>5</sub>O<sub>3</sub>

Molecular Weight : 507.44



### 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.