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## CERTIFICATE OF ANALYSIS

Analysis Date:

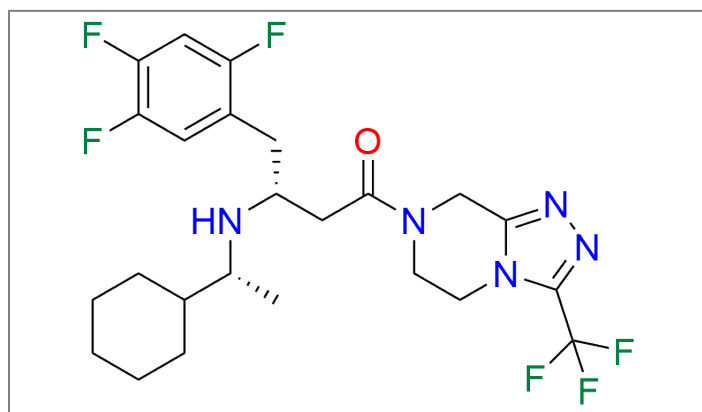
Re-test Date:

**Product Name: sitagliptin impurity 1**

### Identification:

Chemical Name: (R)-3-(((R)-1-cyclohexylethyl)amino)-1-(3-(trifluoromethyl)-5,6-dihydro-[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl)-4-(2,4,5-trifluorophenyl)butan-1-one

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-S3039  
Molecular Formula : C<sub>24</sub>H<sub>29</sub>F<sub>6</sub>N<sub>5</sub>O  
Molecular Weight : 517.51



### 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.