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## CERTIFICATE OF ANALYSIS

Analysis Date:

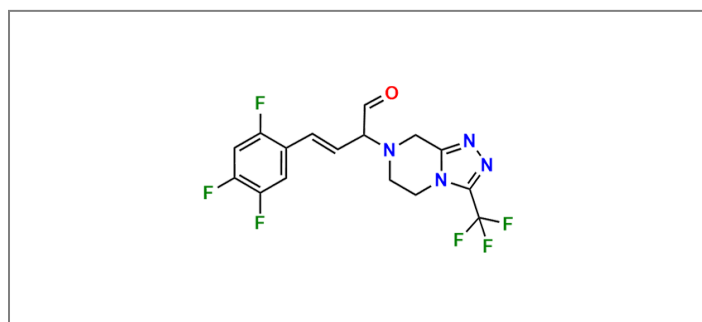
Re-test Date:

**Product Name: Sitagliptin Impurity 48**

### Identification:

Chemical Name: (E)-2-{3-(Trifluoromethyl)-5,6-dihydro-[1,2,4]triazolo[4,3-a]pyrazin-7(8H) yl}-4-(2,4,5-trifluorophenyl)but-3-en-1-one

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-S3198  
Molecular Formula : C<sub>16</sub>H<sub>12</sub>F<sub>6</sub>N<sub>4</sub>O  
Molecular Weight : 390.3



### 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)	<sup>1</sup> HNMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.