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## CERTIFICATE OF ANALYSIS

Analysis Date: May 2025

Re-test Date: Apr 2028

### Product Name: Sitagliptin FP Impurity A

#### Identification:

Chemical Name: 2-(((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)amino)succinic acid

Synonyms : Sitagliptin Fumarate Adduct ;  
Sitagliptin Maleate Adduct

CAS Number : 2088771-60-0

CAT Number : CP-S3013

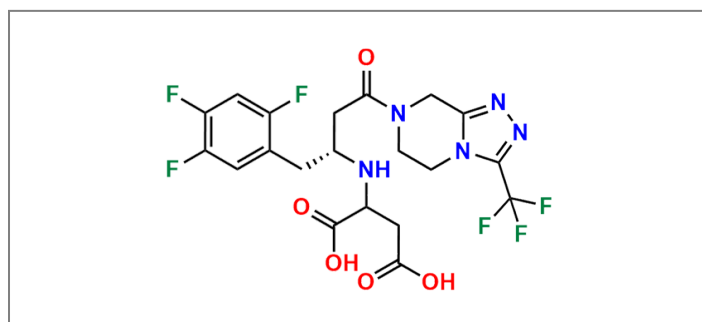
Molecular Formula : C<sub>20</sub>H<sub>19</sub>F<sub>6</sub>N<sub>5</sub>O<sub>5</sub>

Molecular Weight : 523.39

Batch Number : STGPT/IMP-A/269

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



#### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol
3)	MASS By LCMS	Confirm to Structure
4)	Confirm to Structure	94.87%
5)	<sup>1</sup> HNMR	Confirm to Structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.6%
8)	Potency by TGA	94.30%



**Prepared and Reviewed By**

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare  
(Quality Assurance)

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