

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2024

Re-test Date: Dec 2026

**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 (as per USP)

Synonyms : Sitagliptin Fumarate Adduct ;  
Sitagliptin Maleate Adduct ;  
Sitagliptin succinyl ; N-succinyl  
sitagliptin (USP)

CAS Number : 2088771-60-0

CAT Number : CP-S3013

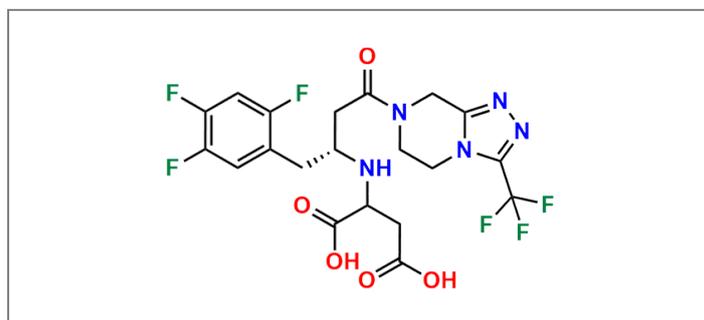
Molecular Formula : C<sub>20</sub>H<sub>19</sub>F<sub>6</sub>N<sub>5</sub>O<sub>5</sub>

Molecular Weight : 523.39

Batch Number : CP-SIT-FPA-0124

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	99.53%
5)	<sup>1</sup> HNMR	Confirm to Structure
6)	Weight loss by TGA	0.384%
7)	Potency by TGA	99.15%



**Prepared and Reviewed By**

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

Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

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

Ms Rohini Gagare  
(Quality Assurance)

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