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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2025

Re-test Date: Mar 2028

**Product Name: Sitagliptin FP Impurity C**

### Identification:

Chemical Name: (E)-1-{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 (as per USP)

Synonyms : Sitagliptin Styrylacetyl Analog  
(USP) ; 3-Desamino-3,4-Dehydro  
Sitagliptin

CAS Number : 1803026-58-5

CAT Number : CP-S3006

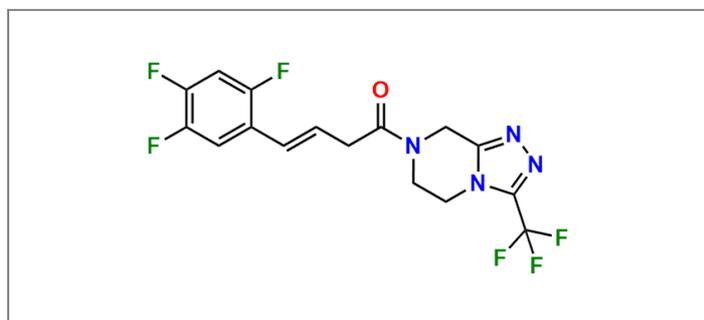
Molecular Formula : C<sub>16</sub>H<sub>12</sub>F<sub>6</sub>N<sub>4</sub>O

Molecular Weight : 390.29

Batch Number : CP-SIT-FPC-0524

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 to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.16%
5)	<sup>1</sup> HNMR	Confirm to structure



### Prepared and Reviewed By

Mr. Shubham Bondre  
(Quality Control)

### Approved By

Mr. Abhijit Kale  
(Quality Assurance)

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