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CERTIFICATE OF ANALYSIS

Analysis Date: May 2026

Re-test Date: Apr 2029

Product Name: Sitagliptin FP Impurity D

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-2-en-1-one) (as per USP)

Synonyms : Sitagliptin Phenylcrotonyl
Analog (USP) ; 3-Desamino-2,3-
Dehydro Sitagliptin

CAS Number : 1253056-18-6

CAT Number : CP-S3036

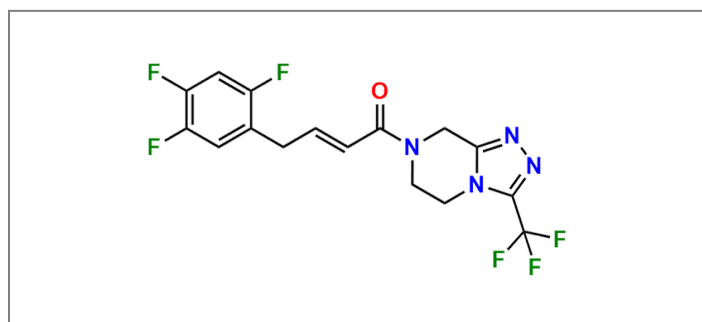
Molecular Formula : C₁₆H₁₂F₆N₄O

Molecular Weight : 390.29

Batch Number : CP-33-258

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:

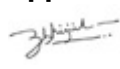
Sr. No.	Test	Result
1)	Description	Off White Solid
2)	Solubility	Soluble in Methanol:DCM/DMSO
3)	Mass Spectrometry	Confirm to Structure
4)	Purity by HPLC	95.60%
5)	¹ H NMR	Confirm to Structure
6)	¹³ C NMR	Confirm to Structure
7)	FT-IR	Confirm to Structure



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.