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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2025

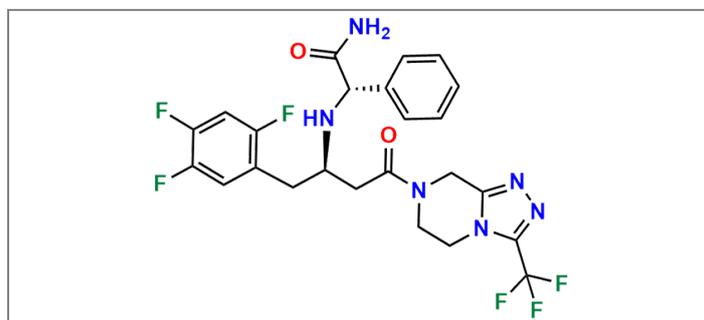
Re-test Date: Jun 2028

Product Name: Sitagliptin Impurity 16

Identification:

Chemical Name: (S)-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)-2-phenylacetamide

Synonyms : NA
CAS Number : 769195-20-2
CAT Number : CP-S3078
Molecular Formula : C₂₄H₂₂F₆N₆O₂
Molecular Weight : 540.5
Batch Number : CP-26-162
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 Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	99.89%
5)	¹ H NMR	Confirm to Structure
6)	Weight loss by TGA	1.2062%
7)	Potency by TGA	98.68%



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.