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CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2025

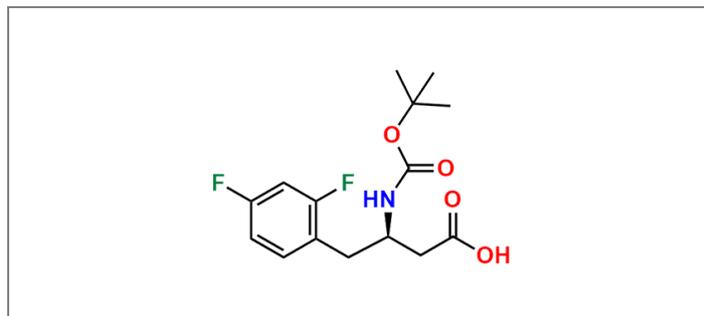
Re-test Date: May 2028

Product Name: Sitagliptin Defluoro Impurity 3

Identification:

Chemical Name: (R)-3-((Tert-butoxycarbonyl)amino)-4-(2,4-difluorophenyl)butanoic acid

Synonyms : NA
CAS Number : 851307-12-5
CAT Number : CP-S3069
Molecular Formula : C₁₅H₁₉F₂NO₄
Molecular Weight : 315.3
Batch Number : CP-SIT-DEF3-0625
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/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.53%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	0.511%
7)	Potency by TGA	98.03%



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.