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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2026

Re-test Date: Mar 2029

Product Name: N-Boc Sitagliptin Acid Impurity

Identification:

Chemical Name: (R)-3-((tert-butoxycarbonyl)amino)-4-(2,4,5-trifluorophenyl)butanoic acid

Synonyms : Sitagliptin BOC Butanoic Acid

CAS Number : 486460-00-8

CAT Number : CP-S3014

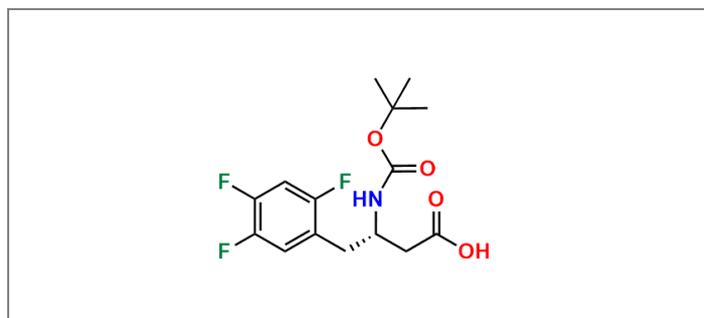
Molecular Formula : C₁₅H₁₈F₃NO₄

Molecular Weight : 333.31

Batch Number : CP-SIT-NBA-0426

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	99.95%
5)	¹ HNMR	Confirm to structure
6)	¹³ CNMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.371%
9)	Potency by TGA	99.58%

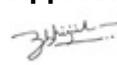


Prepared and Reviewed By



Ms Priyanka Salunkhe
(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.