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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2025

Re-test Date: Mar 2028

Product Name: Sitagliptin FP Impurity E

Identification:

Chemical Name: (3R)-3-Amino-4-(2,4,5-trifluorophenyl)butanoic acid Hydrochloride

Synonyms : Sitagliptin Acid Impurity

CAS Number : 1204818-19-8

CAT Number : CP-S3020

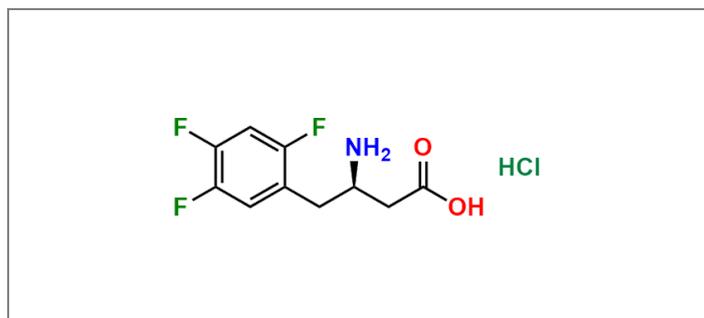
Molecular Formula : C₁₀H₁₀F₃NO₂ : HCl

Molecular Weight : 233.19 : 36.46

Batch Number : CP-SIT-FPE-0425

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	99.61%
5)	¹ HNMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



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.