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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2025

Re-test Date: May 2028

**Product Name: (R)-Sitagliptin Methyl-Ester Impurity**

### Identification:

Chemical Name: Methyl (R)-3-amino-4-(2,4,5-trifluorophenyl)butanoate hydrochloride

Synonyms : NA

CAS Number : 1374985-05-3

CAT Number : CP-S3033

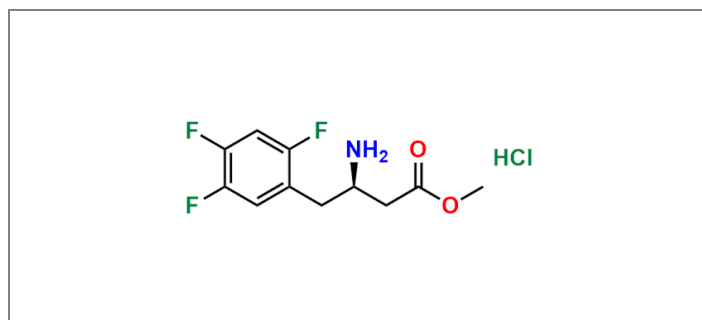
Molecular Formula : C<sub>11</sub>H<sub>12</sub>F<sub>3</sub>NO<sub>2</sub> : HCl

Molecular Weight : 247.22 : 36.5

Batch Number : CP-SIT-MES-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	Colorless Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	94.08%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	1.549%
8)	Potency by TGA	92.62%



**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.