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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2026

Re-test Date: Mar 2029

**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

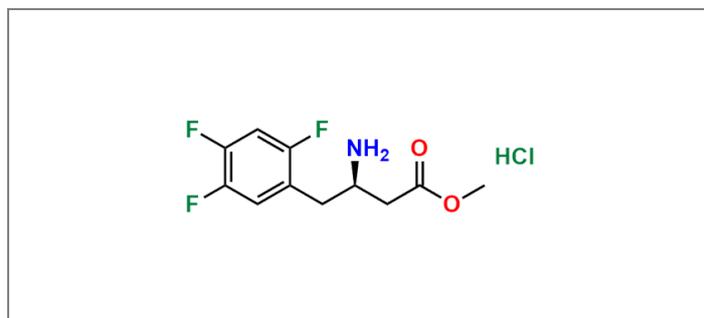
Molecular Formula : C<sub>11</sub>H<sub>12</sub>F<sub>3</sub>NO<sub>2</sub> : HCl

Molecular Weight : 247.22 : 36.5

Batch Number : CP-SIT-MES-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	93.17%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	<sup>13</sup> C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.844%
9)	Potency by TGA	92.38%

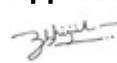


#### Prepared and Reviewed By



Mr. Shubham Bondre  
(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.