

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2025

Re-test Date: Jun 2028

**Product Name: Sitagliptin Impurity 5**

### Identification:

Chemical Name: (4R)-1-(Phenylmethoxy)-4-[(2,4,5-trifluorophenyl)methyl]-2-azetidinone

Synonyms : NA

CAS Number : 767352-30-7

CAT Number : CP-S3235

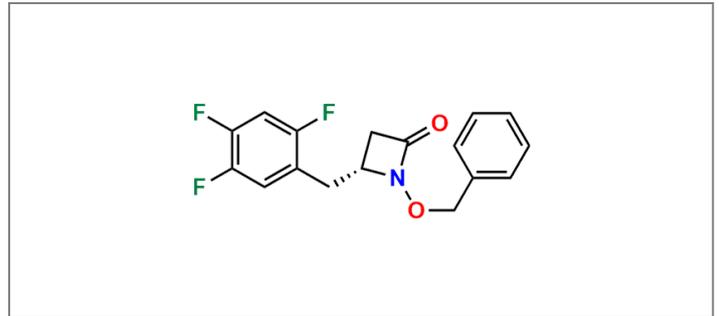
Molecular Formula : C<sub>17</sub>H<sub>14</sub>F<sub>3</sub>NO<sub>2</sub>

Molecular Weight : 321.3

Batch Number : CP-26-171

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	96 .85%
5)	<sup>1</sup> HNMR	Confirm to Structure
6)	Weight loss by TGA	0.5189%
7)	Potency by TGA	96.35%



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.