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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Sitagliptin Impurity 49**

### Identification:

Chemical Name: (Z)-2,2,2-Trifluoro-N'-(piperazin-2-ylidene)acetohydrazide

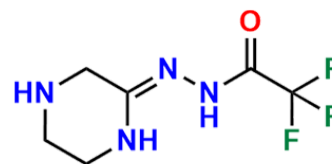
Synonyms : NA

CAS Number : 849832-73-1

CAT Number : CP-S3024

Molecular Formula : C<sub>6</sub>H<sub>9</sub>F<sub>3</sub>N<sub>4</sub>O

Molecular Weight : 210.16



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure

### Prepared and Reviewed By

### Approved By



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.