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## CERTIFICATE OF ANALYSIS

Analysis Date:

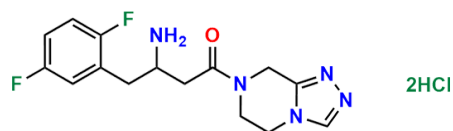
Re-test Date:

**Product Name: rac-Sitagliptin Impurity 8**

### Identification:

Chemical Name: 3-amino-4-(2,5-difluorophenyl)-1-(5,6-dihydro-[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl)butan-1-one, hydrochloride (1:2)

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-S3139  
Molecular Formula : C<sub>15</sub>H<sub>17</sub>F<sub>2</sub>N<sub>5</sub>O : 2(HCl)  
Molecular Weight : 321.33 : 2(36.46)



### 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**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**



Ms Rohini Gagare  
(QA Head)

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