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## CERTIFICATE OF ANALYSIS

Analysis Date:

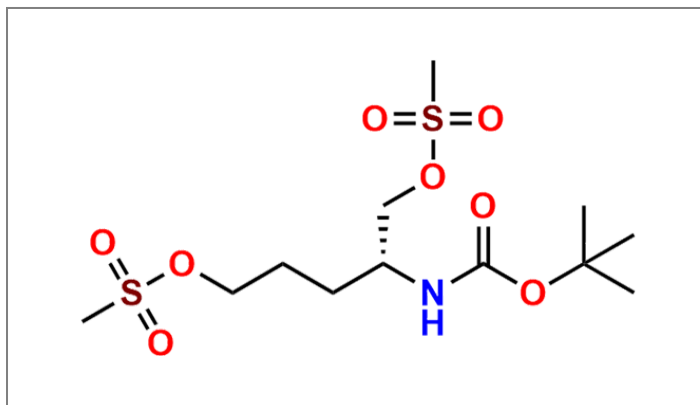
Re-test Date:

**Product Name: Alogliptin Impurity 54**

### Identification:

Chemical Name: (R)-2-((Tert-butoxycarbonyl)amino)pentane-1,5-diyl dimethanesulfonate

Synonyms : NA  
CAS Number : 1473368-47-6  
CAT Number : CP-A13056  
Molecular Formula : C<sub>12</sub>H<sub>25</sub>N<sub>0</sub>S<sub>2</sub>  
Molecular Weight : 375.45



### 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.