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## CERTIFICATE OF ANALYSIS

Analysis Date:

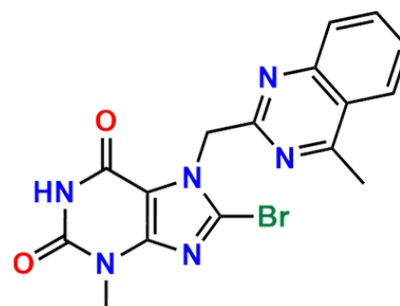
Re-test Date:

**Product Name: Linagliptin Impurity 56**

### Identification:

Chemical Name: 8-Bromo-3-methyl-7-((4-methylquinazolin-2-yl)methyl)-3,7-dihydro-1H-purine-2,6-dione

Synonyms : NA  
CAS Number : 2749405-42-1  
CAT Number : CP-L1076  
Molecular Formula : C<sub>16</sub>H<sub>13</sub>BrN<sub>6</sub>O<sub>2</sub>  
Molecular Weight : 401.2



### 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.