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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: N-Nitroso Linagliptin Regio Isomer Impurity 1**

### Identification:

Chemical Name: (R)-7-(but-2-yn-1-yl)-3-methyl-1-((4-methylquinazolin-2-yl)methyl)-8-((1-nitrosopiperidin-3-yl)amino)-3,7-dihydro-1H-purine-2,6-dione

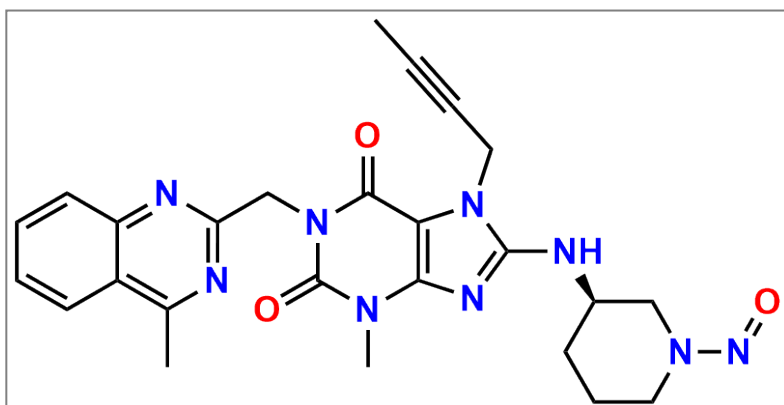
Synonyms: : NA

CAS Number: : NA

CAT Number: : CP-L1030

Molecular Formula: : C<sub>25</sub>H<sub>27</sub>N<sub>9</sub>O<sub>3</sub>

Molecular Weight: : 501.55



### 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)	1H NMR	Confirm to structure



Prepared and Reviewed By

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Approved By

Ms Rohini Gagare  
(QA Head)