



COMMITTED FOR CHEMISTRY

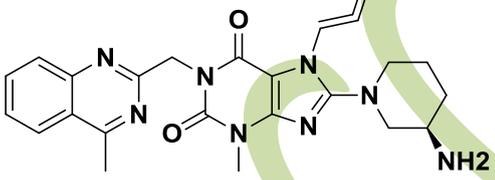
SYNCHEMIA RESEARCH CHEMICAL

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CERTIFICATE OF ANALYSIS

Product Name : Linagliptin Diene Impurity		
CAS NO : 2463617-43-6		
Batch No : SRC-135-AG-012		
Date of Analysis : 25 Feb 2023		
Retest Date : 25 Feb 2025		
Structure:		
		
Chemical Name	8-((R)-3-aminopiperidin-1-yl)-7-(buta-1,2-dien-1-yl)-3-methyl-1-((4-methylquinazolin-2-yl)methyl)-3,7-dihydro-1H-purine-2,6-dione	
Molecular Formula	C ₂₅ H ₂₈ N ₈ O ₂	
Molecular Weight	472.6 g/mol	
Sr. No.	Test	Result
1)	Description	NA
2)	Solubility	Soluble In DMSO, Methanol
3)	Identification 1. Mass 2. 1H NMR	Confirm to structure Confirm to structure
4)	Purity by HPLC	Above 95 %
Long Term Storage condition		Store at 2 ⁰ to 8 ⁰ c
Shipping Condition		Ambient
Note : This is only for Analytical testing purpose, not for Human or Animal Consumption.		
	Signature	Date
Checked By		
Approved By		

