



COMMITTED FOR CHEMISTRY

SYNCHEMIA RESEARCH CHEMICAL

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CERTIFICATE OF ANALYSIS

Product Name : Linagliptin Impurity 10 (S-Isomer)		
CAS NO : 668270-11-9		
Batch No : SRC-118-TR-032		
Date of Analysis : 25 Feb 2023		
Retest Date : 25 Feb 2025		
Structure:		
Chemical Name	(S)-8-(3-aminopiperidin-1-yl)-7-(but-2-yn-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	472.6g/mol	
Sr. No.	Test	Result
1)	Description	Off White Solid
2)	Solubility	Soluble In DMSO, Methanol
3)	Identification	
	1. Mass	Confirm to structure
	2. 1H NMR	Confirm to structure
4)	Purity by HPLC	96.79 %
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		

