

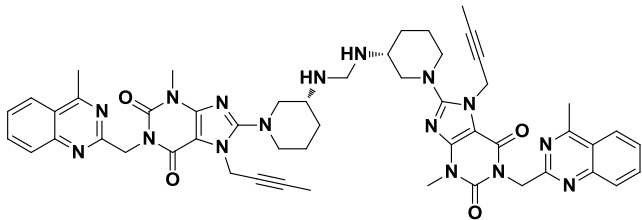


COMMITTED FOR CHEMISTRY

SYNCHEMIA RESEARCH CHEMICAL

Plot No.408, Prakash Industries, 1st Floor, Bhare Phata, Tal- Mulshi, Dist- Pune, Pune-412115, Maharashtra India.
Mob.No - 9404317505 / 7276018915 . Website : <http://www.synchemia.com>
info@synchemia.com | sales@synchemia.com | export@synchemia.com

CERTIFICATE OF ANALYSIS

Product Name: Linagliptin Dimer impurity 6		
CAS NO: 2489212-72-6		
Batch No: SRC-123-PT-348		
Date of Analysis: 09 Feb 2023		
Retest Date: 09 Feb 2025		
Structure:		
		
Chemical Name	8,8'-((3R,3'R)-(methylenebis(azanediy))bis(piperidine-3,1-diyl))bis(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 ₅₁ H ₅₆ N ₁₆ O ₄	
Molecular Weight	957.1g/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	94.44%
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		

