

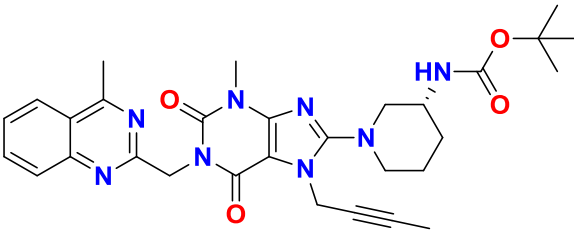


COMMITTED FOR CHEMISTRY

## SYNCHEMIA RESEARCH CHEMICAL

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### CERTIFICATE OF ANALYSIS

<b>Product Name :</b> Linagliptin Related Compound B		
<b>CAS NO :</b> 668273-75-4		
<b>Batch No :</b> SRC-118-TR-031		
<b>Date of Analysis :</b> 25 Feb 2023		
<b>Retest Date :</b> 25 Feb 2025		
<b>Structure:</b> 		
<b>Chemical Name</b>	Tert-butyl (R)-(1-(7-(but-2-yn-1-yl)-3-methyl-1-((4-methylquinazolin-2-yl)methyl)-2,6-dioxo-2,3,6,7-tetrahydro-1H-purin-8-yl)piperidin-3-yl)carbamate	
<b>Molecular Formula</b>	C <sub>30</sub> H <sub>36</sub> N <sub>8</sub> O <sub>4</sub>	
<b>Molecular Weight</b>	572.7 g/mol	
<b>Sr. No.</b>	<b>Test</b>	<b>Result</b>
1)	<b>Description</b>	Pale Yellow Solid
2)	<b>Solubility</b>	Soluble In DMSO, Methanol
3)	<b>Identification</b> 1. Mass 2. 1H NMR	Confirm to structure Confirm to structure
4)	<b>Purity by HPLC</b>	97.24 %
<b>Long Term Storage condition</b>		Store at 2 <sup>0</sup> to 8 <sup>0</sup> c
<b>Shipping Condition</b>		Ambient
<b>Note :</b> This is only for Analytical testing purpose, not for Human or Animal Consumption.		
Signature		Date
Checked By		
Approved By		

