

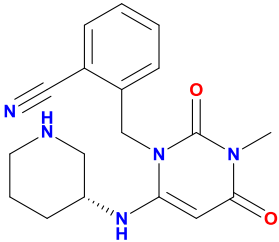


COMMITTED FOR CHEMISTRY

## SYNCHEMIA RESEARCH CHEMICAL

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### CERTIFICATE OF ANALYSIS

<b>Product Name :</b> Alogliptin Impurity 12		
<b>CAS NO :</b> 2089611-85-6		
<b>Batch No :</b> SRC-112-SK-360		
<b>Date of Analysis :</b> 18 Jan 2023		
<b>Retest Date :</b> 18 Jan 2025		
<b>Structure:</b> 		
<b>Chemical Name</b>		(R)-2-((3-Methyl-2,4-dioxo-6-(piperidin-3-ylamino)-3,4-dihydropyrimidin-1(2H)-yl)methyl)benzonitrile
<b>Molecular Formula</b>		C <sub>18</sub> H <sub>21</sub> N <sub>5</sub> O <sub>2</sub>
<b>Molecular Weight</b>		339.4g/mol
<b>Sr. No.</b>	<b>Test</b>	<b>Result</b>
1)	<b>Description</b>	Brown Solid
2)	<b>Solubility</b>	Soluble In DMSO, Methanol
3)	<b>Identification</b> 1. Mass 2. <sup>1</sup> H NMR	Confirm to structure Confirm to structure
4)	<b>Purity by HPLC</b>	Above 95%
<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		

