

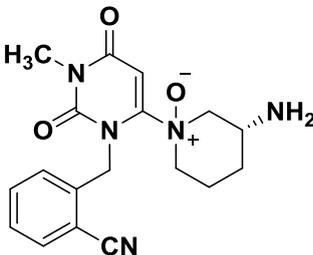


COMMITTED FOR CHEMISTRY

## 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

<b>Product Name :</b> Alogliptin N-Oxide Impurity		
<b>CAS NO :</b> NA		
<b>Batch No :</b> SRC-108-SJ-26		
<b>Date of Analysis :</b> 18 Jan 2023		
<b>Retest Date :</b> 18 Jan 2025		
<b>Structure:</b>		
		
<b>Chemical Name</b>	(3R)-3-amino-1-(3-(2-cyanobenzyl)-1-methyl-2,6-dioxo-1,2,3,6-tetrahydropyrimidin-4-yl)piperidine 1-oxide	
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>25</sub> N <sub>5</sub> O <sub>3</sub>	
<b>Molecular Weight</b>	355.39g/mol	
<b>Sr. No.</b>	<b>Test</b>	<b>Result</b>
1)	<b>Description</b>	Light Brown 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>	95.38%
<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		

