



COMMITTED FOR CHEMISTRY

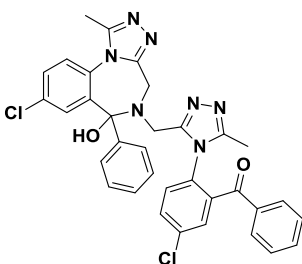
## SYNCHEMIA RESEARCH CHEMICAL

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> Alprazolam EP Impurity I		
<b>CAS NO :</b> NA		
<b>Batch No :</b> SRC-114-AG-010		
<b>Date of Analysis :</b> 21 Jan 2023		
<b>Retest Date :</b> 21 Jan 2025		
<b>Structure:</b> <div style="text-align: center;">  <p>and Enantiomer</p> </div>		
<b>Chemical Name</b>	[5-chloro-2-[3-[[[(6RS)-8-chloro-6-hydroxy-1-methyl-6-phenyl-4H-[1,2,4]triazolo[4,3-a][1,4]benzodiazepin-5(6H)-yl]methyl]-5-methyl-4H-1,2,4-triazol-4-yl]phenyl]phenylmethanone	
<b>Molecular Formula</b>	C <sub>34</sub> H <sub>27</sub> Cl <sub>2</sub> N <sub>7</sub> O <sub>2</sub>	
<b>Molecular Weight</b>	636.5 g/mol	
<b>Sr. No.</b>	<b>Test</b>	<b>Result</b>
1)	<b>Description</b>	NA
2)	<b>Solubility</b>	Soluble In DMSO, Methanol
3)	<b>Identification</b>	
	1. Mass	Confirm to structure
	2. 1H NMR	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		

