



COMMITTED FOR CHEMISTRY

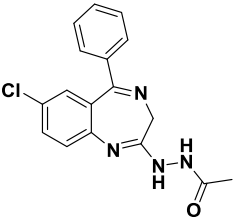
## SYNCHEMIA RESEARCH CHEMICAL

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### CERTIFICATE OF ANALYSIS

<b>Product Name :</b> Alprazolam USP Related Compound A		
<b>CAS NO :</b> 28910-89-6		
<b>Batch No :</b> SRC-114-AG-011		
<b>Date of Analysis :</b> 21 Jan 2023		
<b>Retest Date :</b> 21 Jan 2025		
<b>Structure:</b> <div style="text-align: center;">  </div>		
<b>Chemical Name</b>		2-(2-Acetylhydrazino)-7-chloro-5-phenyl-3H-1,4-benzodiazepine
<b>Molecular Formula</b>		C <sub>17</sub> H <sub>15</sub> ClN <sub>4</sub> O
<b>Molecular Weight</b>		326.8 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		

