

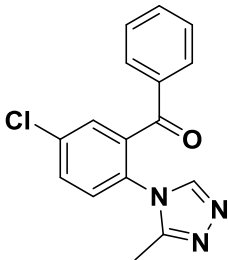


COMMITTED FOR CHEMISTRY

## SYNCHEMIA RESEARCH CHEMICAL

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### CERTIFICATE OF ANALYSIS

<b>Product Name :</b> Alprazolam EP Impurity C		
<b>CAS NO :</b> 36916-19-5		
<b>Batch No :</b> SRC-TR-01-028		
<b>Date of Analysis :</b> 21 Jan 2023		
<b>Retest Date :</b> 21 Jan 2025		
<b>Structure:</b>		
		
<b>Chemical Name</b>	[5-Chloro-2-[3-methyl-4H-1,2,4-triazol-4-yl]phenyl]phenylmethanone (as per EP)	
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>12</sub> ClN <sub>3</sub> O	
<b>Molecular Weight</b>	297.7g/mol	
<b>Sr. No.</b>	<b>Test</b>	<b>Result</b>
1)	<b>Description</b>	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>	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		

