



COMMITTED FOR CHEMISTRY

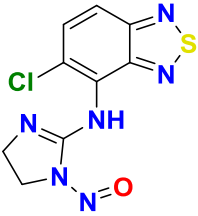
SYNCHEMIA RESEARCH CHEMICAL

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CERTIFICATE OF ANALYSIS

Product Name: Tizanidine Nitroso Impurity 3		
CAS NO: NA		
Batch No: SRC-175-RS-084	SRC CAT NO: SRC-N014555	
Date of Analysis: 13 Aug 2024		
Retest Date: 13 Aug 2026		
Structure:		
		
Chemical Name	5-chloro-N-(1-nitroso-4,5-dihydro-1H-imidazol-2-yl)benzo[c][1,2,5]thiadiazol-4-amine	
Molecular Formula	C ₉ H ₇ ClN ₆ O _S	
Molecular Weight	282.71g/mol	
Sr. No.	Test	Result
1)	Description	Pale Yellow Solid
2)	Solubility	Soluble in DMSO, Methanol
3)	Identification	
	1. Mass	Confirm to structure
	2. 1H NMR	Confirm to structure
	3. IR	Confirm to structure
4)	Purity by HPLC	97.85%(82.71+15.14=97.85%)(Mixture Of Rotamers)
Long Term Storage condition		Store at 2 ^o to 8 ^o c
Shipping Condition		Ambient
Note: This is only for Analytical testing purpose, not for Human or Animal Consumption.		
	Signature	Date
Checked By		
Approved By		

