

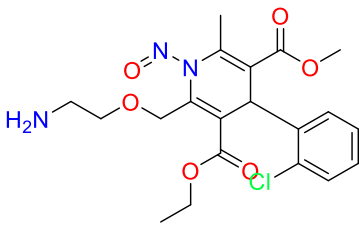


COMMITTED FOR CHEMISTRY

## SYNCHEMIA RESEARCH CHEMICAL

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### CERTIFICATE OF ANALYSIS

<b>Product Name :</b> Amlodipine Nitroso Impurity		
<b>CAS NO:</b> NA	<b> SRC CAT No :</b> SRC-N014002	
<b>Batch No:</b> SRC-117-SJ-024		
<b>Date of Analysis:</b> 15 May 2024		
<b>Retest Date:</b> 15 May 2026		
<b>Structure:</b>		
		
<b>Chemical Name</b>	3-Ethyl 5-methyl 2-((2-aminoethoxy)methyl)-4-(2-chlorophenyl)-6-methyl-1-nitroso-1,4-dihydropyridine-3,5-dicarboxylate	
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>24</sub> ClN <sub>3</sub> O <sub>6</sub>	
<b>Molecular Weight</b>	437.9g/mol	
<b>Sr. No.</b>	<b>Test</b>	<b>Result</b>
1)	<b>Description</b>	Pale Yellow Solid
2)	<b>Solubility</b>	Soluble In DMSO, Methanol
3)	<b>Identification</b>	
	Mass	Confirm to structure
	<sup>1</sup> H NMR	Confirm to structure
	IR	Confirm to structure
4)	<b>Purity by HPLC</b>	95.24%
<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.		
<b>Note:</b> Amlodipine Nitroso Impurity is a highly toxic semi-volatile organic compound and a suspected human carcinogen. Handle the material carefully with proper safety measures.		
	Signature	Date
<b>Checked By</b>		
<b>Approved By</b>		

