

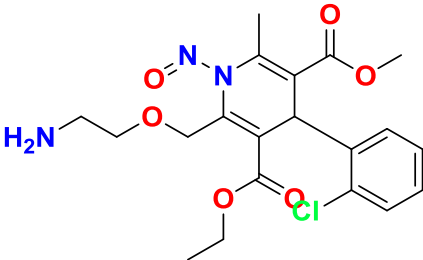


COMMITTED FOR CHEMISTRY

## 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> Amlodipine Nitroso Impurity		
<b>CAS NO :</b> NA		
<b>Batch No :</b> SRC-117-SJ-024		<b>SRC CAT NO:</b> SRC-N014002
<b>Date of Analysis :</b> 20 Jan 2023		
<b>Retest Date :</b> 20 Jan 2025		
<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>	437.9 g/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>	
	1. Mass	Confirm to structure
	2. 1H NMR	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 highly toxic organic compound and suspected human carcinogen. Handle the material carefully with proper safety measures.		
	Signature	Date
Checked By		
Approved By		

