



COMMITTED FOR CHEMISTRY

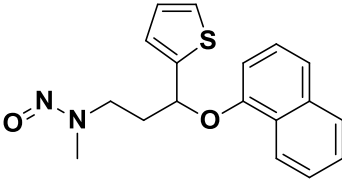
## SYNCHEMIA RESEARCH CHEMICAL

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### CERTIFICATE OF ANALYSIS

<b>Product Name:</b> Duloxetine Nitroso Impurity		
<b>CAS NO:</b> 2680527-91-5		
<b>Batch No:</b> SRC-109-SC-086		
<b>Date of Analysis:</b> 20 Jan 2023		
<b>Retest Date:</b> 20 Jan 2025		
<b>Structure:</b>		
		
<b>Chemical Name</b>	N-methyl-N-(3-(naphthalen-1-yloxy)-3-(thiophen-2-yl)propyl)nitrous amide	
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>18</sub> N <sub>2</sub> O <sub>2</sub> S	
<b>Molecular Weight</b>	326.4 /mol	
<b>Sr. No.</b>	<b>Test</b>	<b>Result</b>
1)	<b>Description</b>	Pale Yellow liquid
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>	96.55 %
<b>Long Term Storage condition</b>		Store at 2 <sup>o</sup> to 8 <sup>o</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> Duloxetine 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		

