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CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2025

Re-test Date: Aug 2028

Product Name: Duloxetine Nitroso Impurity 2

Identification:

Chemical Name: N-Methyl-3-(naphthalen-1-yloxy)-3-(thiophen-2-yl)-N-nitrosopropan-1-amine

Synonyms : N-Nitroso Rac-Duloxetine

CAS Number : 2680527-91-5

CAT Number : CP-D29013

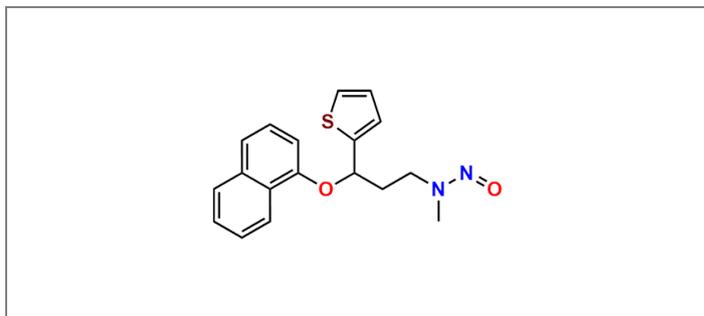
Molecular Formula : C₁₈H₁₈N₂O₂S

Molecular Weight : 326.41

Batch Number : CP-35-60

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Brown Thick Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.90%
5)	¹ HNMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	2.510%
8)	Potency by TGA	97.39%



Prepared and Reviewed By

Mr. Shubham Bondre
(Quality Control)

Approved By

Mr. Abhijit Kale
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.