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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2026

Re-test Date: Jun 2029

Product Name: Duloxetine Impurity 13

Identification:

Chemical Name: N,N-dimethyl-3-(naphthalen-1-yloxy)-3-(thiophen-2-yl)propan-1-amine

Synonyms : NA

CAS Number : 116817-11-9

CAT Number : CP-D29072

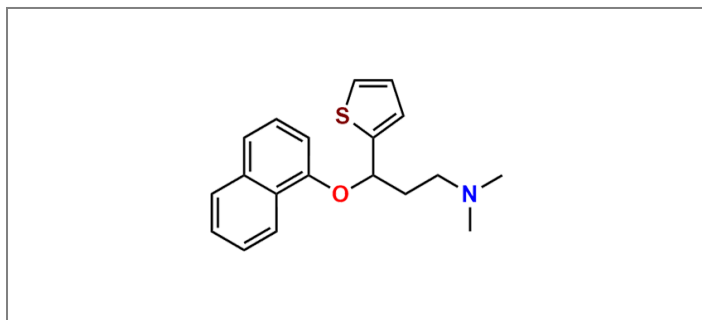
Molecular Formula : C₁₉H₂₁NOS

Molecular Weight : 311.4

Batch Number : CP-27-168

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 Sticky Liquid
2)	Solubility	Solubility in Methanol/DMSO
3)	Mass Spectrometry	Confirm to Structure
4)	Purity by HPLC	98.44%
5)	¹ HNMR	Confirm to Structure



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.