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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2025

Re-test Date: Jun 2028

Product Name: Duloxetine USP Related Compound H

Identification:

Chemical Name: (S)-4-(methyl(3-(naphthalen-1-yloxy)-3-(thiophen-2-yl)propyl)amino)-4-oxobutanoic acid

Synonyms : Duloxetine USP Related
Compound H ; (S)-Duloxetine
Succinamide

CAS Number : 199191-66-7

CAT Number : CP-D29009

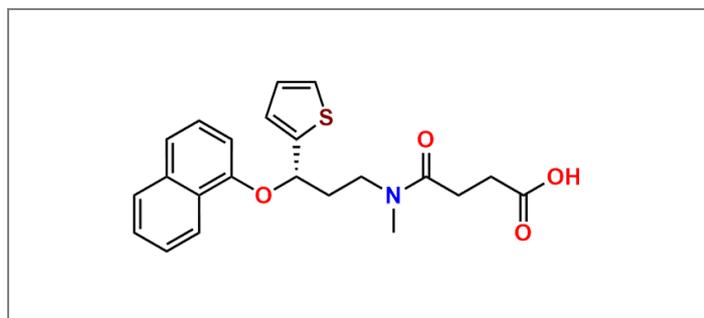
Molecular Formula : C₂₂H₂₃NO₄S

Molecular Weight : 397.49

Batch Number : CHEM-DUL-RDH-0811-002

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	Light Yellow Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	94.91%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	1.761%
9)	Potency by TGA	93.24%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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