

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2024

Re-test Date: Feb 2027

**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

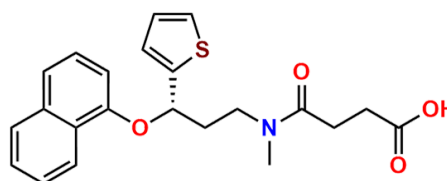
Molecular Formula : C<sub>22</sub>H<sub>23</sub>NO<sub>4</sub>S

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 Sticky Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.67%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	1.761%
8)	Potency by TGA	95.95%



**Prepared and Reviewed By**

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare  
(Quality Assurance)

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