

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMD014023-01)

**Release Date:** 07/01/2026

**Re-test Date:** 06/01/2029

## **DULOXETINE RELATED COMPOUND F**

### **Identification**

**Chemical Name :**

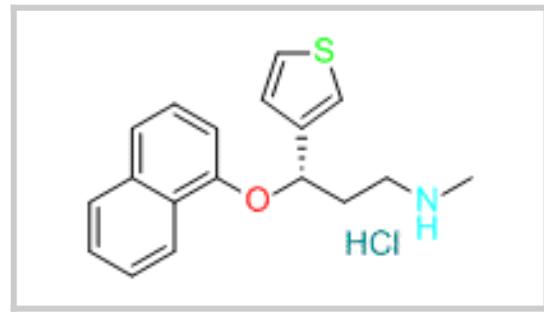
(S)-N-methyl-3-(naphthalen-1-yloxy)-3-(thiophen-3-yl)propan-1-amine hydrochloride

**CAT No.** : KMD014023

**CAS No.** : 2748376-86-3

**Molecular Formula** : C18H19NOS : HCl

**Molecular Weight** : 297.4 : 36.5



### **Analytical Information**

**Batch No.** : D014023-114-088

**Solubility** : Acetonitrile

**Description** : Off Brown Hygroscopic Solid

**Mass** : Confirm

**HPLC Purity** : 93.33 %

**IR** : Confirm

**Weight Loss By TGA** : 1.21 %

**1H NMR** : Confirm

**% Potency** : 92.2 %

### **Additional Information**

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be Shipped at Room Temperature

**% Potency** = [100 - 1.21(Weight Loss By TGA)] x [93.33(HPLC Purity)]/100 = 92.2 %

**Recommendation** : Released

|                                   | <b>Department</b> | <b>Name</b>   | <b>Signature</b> | <b>Date</b> |
|-----------------------------------|-------------------|---------------|------------------|-------------|
| <b>Prepared By</b>                | Analytical        | Jignesh Patel |                  | 08/01/2026  |
| <b>Reviewed &amp; Approved By</b> | Quality Control   | Jatin Patel   |                  | 08/01/2026  |

**Attachments** : COA, HPLC, MASS, 1HNMR,IR and TGA