

# CERTIFICATE OF ANALYSIS

(Certificate No. KMS003001-01)

Release Date: 28/02/2024

Re-test Date: 27/02/2027

## 2,3-Sertralone Isomer

### Identification

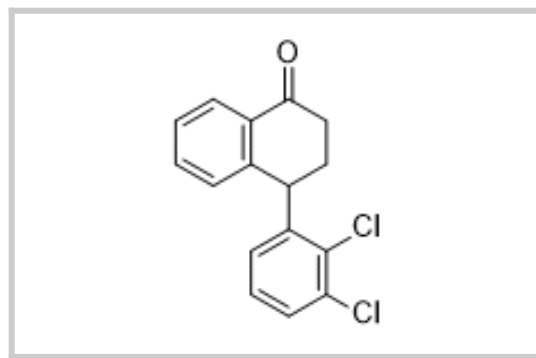
**Chemical Name :**  
4-(2,3-dichlorophenyl)-3,4-dihydronaphthalen-1(2H)-one

**CAT No.** : KMS003001

**CAS No.** : 152448-80-1

**Molecular Formula** : C<sub>16</sub>H<sub>12</sub>Cl<sub>2</sub>O

**Molecular Weight** : 291.17



### Analytical Information

**Batch No.** : SER-ISO-1-073-101

**Description** : Light Yellow Semi Solid

**HPLC Purity** : 97.07 %

**Weight Loss By TGA** : 1.11 %

**% Potency** : 95.99 %

**Solubility** : ACN

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

### 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 - 1.11(Weight Loss By TGA)] x [97.07(HPLC Purity)]/100 = 95.99 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Parag Patel		28/02/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		28/02/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>H NMR, IR and TGA