

CERTIFICATE OF ANALYSIS

(Certificate No. KMS003001-01)

Release Date: 28/02/2024

Re-test Date: 27/02/2027

2,3-Sertralone Isomer

Identification

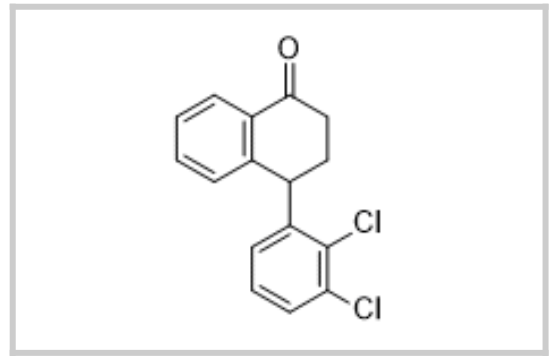
Chemical Name :
4-(2,3-dichlorophenyl)-3,4-dihydronaphthalen-1(2H)-one

CAT No. : KMS003001

CAS No. : 152448-80-1

Molecular Formula : C₁₆H₁₂Cl₂O

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

¹H 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 = $[100 - 1.11(\text{Weight Loss By TGA})] \times [97.07(\text{HPLC Purity})]/100 = 95.99 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		28/02/2024
Reviewed & Approved By	Quality Control	Jatin Patel		28/02/2024

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA