

# CERTIFICATE OF ANALYSIS

(Certificate No. KMS003002-02)

Release Date: 14/09/2024

Re-test Date: 13/09/2027

## NITROSO SERTRALINE IMPURITY

### Identification

**Chemical Name :**

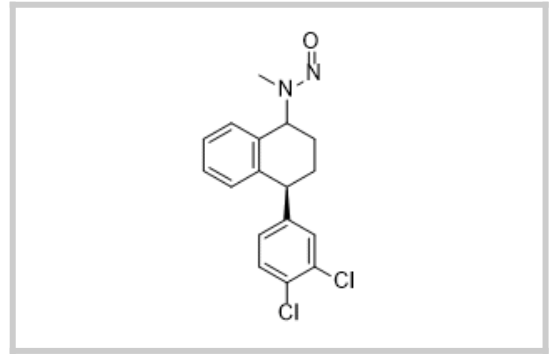
N-((4S)-4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydronaphthalen-1-yl)-N-methylnitrous amide (Mixture of E/Z Isomer)

CAT No. : KMS003002

CAS No. : Not Available

Molecular Formula : C<sub>17</sub>H<sub>16</sub>Cl<sub>2</sub>N<sub>2</sub>O

Molecular Weight : 335.23



### Analytical Information

Batch No. : S003002-073-378

Description : Off White Solid

HPLC Purity : 99.92 %

Weight Loss By TGA : 0.56 %

% Potency : 99.36 %

Solubility : Acetonitrile

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 - 0.56(Weight Loss By TGA)] x [99.92(HPLC Purity)]/100 = 99.36 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/09/2024
Reviewed & Approved By	Quality Control	Jatin Patel		17/09/2024

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