

# CERTIFICATE OF ANALYSIS

(Certificate No. KME004001-01)

Release Date: 08/11/2023

Re-test Date: 07/11/2026

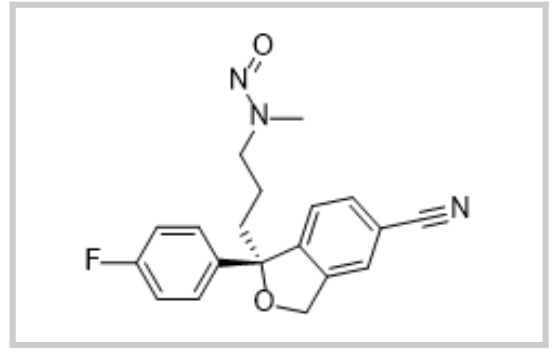
## N-Nitroso Escitalopram Impurity

### Identification

**Chemical Name :**

(S)-N-(3-(5-cyano-1-(4-fluorophenyl)-1,3-dihydroisobenzofuran-1-yl)propyl)-N-methylnitrous amide (Mixture of E/Z Isomer)

CAT No. : KME004001  
CAS No. : Not Available  
Molecular Formula : C<sub>19</sub>H<sub>18</sub>FN<sub>3</sub>O<sub>2</sub>  
Molecular Weight : 339.36



### Analytical Information

Batch No.	: CIT-N-NO-045-321	Solubility	: ACN
Description	: Light Yellow Thick Syrup	Mass	: Confirm
HPLC Purity	: 99.81 %	IR	: Confirm
Weight Loss By TGA	: 1.81 %	<sup>1</sup> H NMR	: Confirm
% Potency	: 98 %		

### 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 - 1.81(Weight Loss By TGA)] x [99.81(HPLC Purity)]/100 = 98 %

Remarks : COA Re-generated on 13.06.2024

-Mixture of Isomers

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		13/06/2024

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