CERTIFICATE OF ANALYSIS

(Certificate No. KME004001-01)

Release Date: 06/11/2026 **Re-test Date:** 05/11/2029

N-Nitroso Escitalopram Impurity

Identification

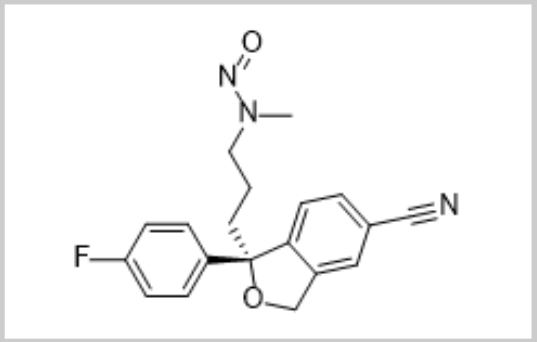
Chemical Name :
(S)-N-(3-(5-cyano-1-(4-fluorophenyl)-1,3-dihydroisobenzofuran-1-yl)propyl)-N-methylnitrous amide (Mixture of E/Z Isomer)

CAT No. : KME004001

CAS No. : Not Available

Molecular Formula : C19H18FN3O2

Molecular Weight : 339.36



Analytical Information

Batch No.	: CIT-N-NO-045-321	**Solubility**	: Acetonitrile
Description	: Light Yellow Thick Syrup	**Mass**	: Confirm
HPLC Purity	: 99.75 %	**IR**	: Confirm
Weight Loss By TGA	: 1.91 %	**1H NMR**	: Confirm
% Potency	: 97.84 %		

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 - 1.91(Weight Loss By TGA)] x [99.75(HPLC Purity)]/100 = 97.84 %
Remarks : COA Re-generated on 13.06.2024
-Mixture of Isomers
-Re-tested on 06.11.2026

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		06/11/2026
Reviewed & Approved By	Quality Control	Jatin Patel		06/11/2026

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