CERTIFICATE OF ANALYSIS

(Certificate No. KMC010050-01)

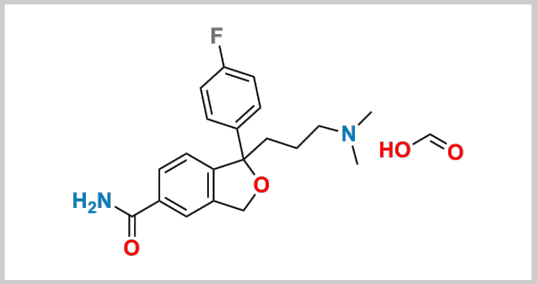
Release Date: 23/06/2026 **Re-test Date:** 22/06/2029

Escitalopram Amide Impurity

Identification

Chemical Name :
1-(3-(dimethylamino)propyl)-1-(4-fluorophenyl)-1,3-dihydroisobenzofuran-5-carboxamide formate salt

CAT No.	: KMC010050
CAS No.	: Not Available ; 1470362-85-6 (Free Base)
Molecular Formula	: C20H23FN2O2 : CH2O2
Molecular Weight	: 342.41 : 46.0



Analytical Information

Batch No.	: C010050-136-044	**Solubility**	: Methanol
Description	: Colorless Semi Solid	**Mass**	: Confirm
HPLC Purity	: 99.31 %	**IR**	: Confirm
Weight Loss By TGA	: 1.37 %	**1H NMR**	: Confirm
% Potency	: 97.95 %		

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 - 1.37(Weight Loss By TGA)] x [99.31(HPLC Purity)]/100 = 97.95 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		23/06/2026
Reviewed & Approved By	Quality Control	Jatin Patel		23/06/2026

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