

CERTIFICATE OF ANALYSIS

(Certificate No. KMF001001-01)

Release Date: 31/01/2024

Re-test Date: 30/01/2027

Fluoxetine Dimethyl Amine Impurity

Identification

Chemical Name :

N,N-Dimethyl-3-phenyl-3-(4-(trifluoromethyl)phenoxy)propan-1-amine hydrochloride

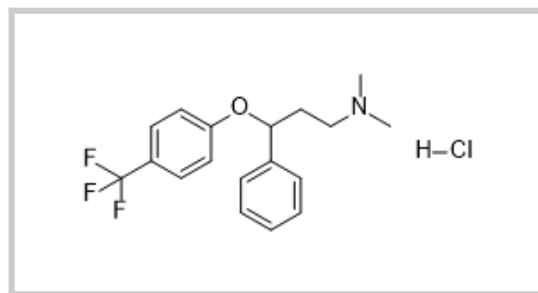
Alt. Name : Fluoxetine Dimethyl Amine

CAT No. : KMF001001

CAS No. : 885101-12-2

Molecular Formula : C₁₈H₂₀F₃NO : HCl

Molecular Weight : 323.4 : 36.5



Analytical Information

Batch No. : FLU-DIM-073-055

Solubility : Acetonitrile

Description : Off White Hygroscopic Solid

Mass : Confirm

HPLC Purity : 98.32 %

IR : Confirm

Weight Loss By TGA : 0.50 %

¹H NMR : Confirm

% Potency : 97.83 %

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 - 0.50(Weight Loss By TGA)] x [98.32(HPLC Purity)]/100 = 97.83 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh patel		
Reviewed & Approved By	Quality Control	Jatin patel		

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