

CERTIFICATE OF ANALYSIS

(Certificate No. KMF008006-01)

Release Date: 28/08/2025

Re-test Date: 27/08/2028

Fluphenazine Related Compound A

Identification

Chemical Name :

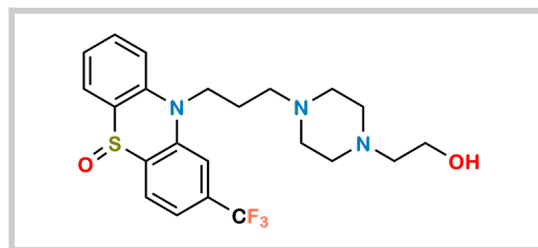
10-(3-(4-(2-Hydroxyethyl)piperazin-1-yl)propyl)-2-(trifluoromethyl)-10H-phenothiazine 5-oxide

CAT No. : KMF008006

CAS No. : 1674-76-6

Molecular Formula : C₂₂H₂₆F₃N₃O₂S

Molecular Weight : 453.5



Analytical Information

Batch No. : FLU-S-OXIDE-019-061

Description : Orange Solid

HPLC Purity : 98.98 %

Weight Loss By TGA : 0.51 %

% Potency : 98.48 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H 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 - 0.51(Weight Loss By TGA)] x [98.98(HPLC Purity)]/100 = 98.48 %

-Re-tested on 28.08.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		28/08/2025
Reviewed & Approved By	Quality Control	Jatin Patel		28/08/2025

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