

# CERTIFICATE OF ANALYSIS

(Certificate No. KMT180009-01)

Release Date: 27/03/2023

Re-test Date: 26/03/2026

## FLUPHENAZINE DES-ETHANOL IMPURITY

### Identification

**Chemical Name :**

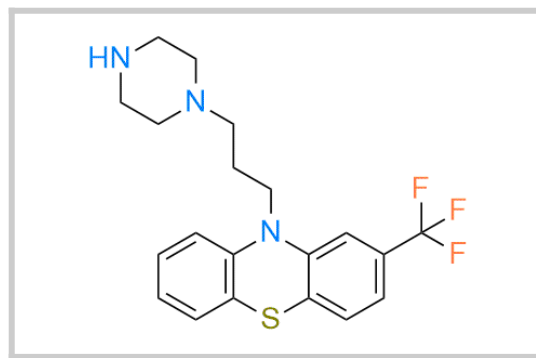
10-[3-(1-Piperazinyl)propyl]-2-(trifluoromethyl)-10H-phenothiazine

CAT No. : KMT180009

CAS No. : 2804-16-2

Molecular Formula : C<sub>20</sub>H<sub>22</sub>F<sub>3</sub>N<sub>3</sub>S

Molecular Weight : 393.5



### Analytical Information

Batch No. : FLU-NDM-011-069

Description : Light Greenish Solid

HPLC Purity : 99.97 %

Weight Loss By TGA : 1.57 %

% Potency : 98.4 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

<sup>1</sup>H 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 - 1.57(Weight Loss By TGA)] x [99.97(HPLC Purity)]/100 = 98.4 %

-Re-tested on 27.03.2023

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		03/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		03/04/2025

Attachments : COA, HPLC, MASS, <sup>1</sup>H NMR, IR and TGA