

Analysis Date: 08-09-2025

Re-test Date: 08-09-2028

FLUPHENAZINE DECANOATE EP IMPURITY C

Identification

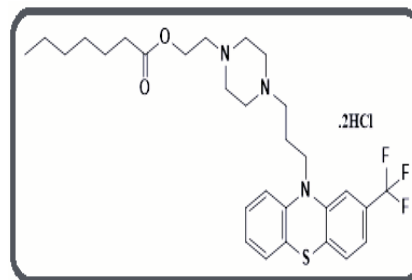
Chemical Name : 2-[4-[3-[2-(Trifluoromethyl)-10H-phenothiazin-10-yl]propyl]-1-piperazinyl]ethyl ester heptanoic acid dihydrochloride

CAT No : ALL-FLD-1369

CAS No : 3105-68-8 (2HCl) ; 2746-81-8 (Free Base)

Molecular Formula : C₂₉H₄₀Cl₂F₃N₃O₂S

Molecular Weight : 622.61



Analytical Information

Batch Code	: ALL-FLD-1369	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 96.51%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.711%	¹HNMR	: Confirm
Residue Of Ignition	: 0.801%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.711+0.801) × 98.00]/100 = 96.51%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office