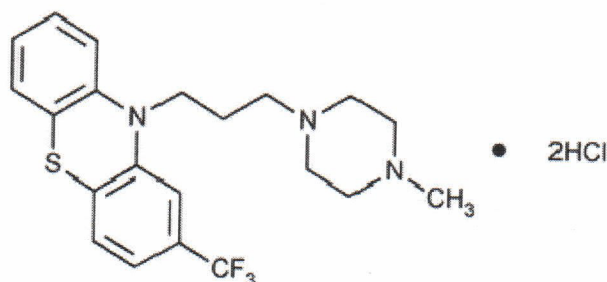


Batch no 241103
Mf date Nov 03 2024
Exp date Nov 02 2027

Molecular Structure



Molecular Formula $C_{21}H_{24}F_3N_3S \cdot 2HCl$
Molecular Weight 480.42
CAS Registry Number 440-17-5

Jan 03 2025

Tests	Specifications	Results
Appearance	A white crystalline powder	Conforms
Solubility	Freely soluble in water; soluble in alcohol; sparingly soluble in chloroform; insoluble in ether & in benzene	Conforms
Identification	IR, UV, test for chloride, TLC	Positive
pH	1.7 ~ 2.6	2.1
Loss on drying	≤ 1.5%	0.8%
Residue on ignition	≤ 0.1%	0.07%
Organic volatile impurities	Meets requirements	Conforms
Assay (odb) at 60°C 4hr under vacuum	98.0 ~ 101.0% of $C_{21}H_{24}F_3N_3S \cdot 2HCl$	99.4%

Packaging & storage	Preserve in tight, light-resistant containers. Store at 25°C, excursions permitted between 15 ~ 30°C
Conclusion	Material complies with USP42