

# Chem-Impex International, Inc.

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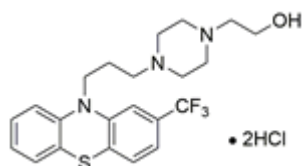
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



## Product Specifications

<b>Catalogue Number</b>	37903
<b>Product</b>	<b>Fluphenazine dihydrochloride</b> 2-[4-[3-[2-(Trifluoromethyl)-10H-phenothiazin-10-yl]propyl]piperazin-1-yl]ethanol 4-[3-[2-(Trifluoromethyl)-10H-phenothiazin-10-yl]propyl]-1-piperazineethanol dihydrochloride
<b>CAS Number</b>	146-56-5

<b>Appearance</b>	Off-white crystalline powder
<b>Solubility</b>	Freely soluble in water, slightly soluble in alcohol, Insoluble in ether
<b>pH</b>	1.80 - 2.40
<b>Infrared Spectrum</b>	Conforms to structure
<b>UV Ratios</b>	Absorbance at 260 nm : 630 - 700
<b>Loss on Drying</b>	≤ 1% (65 °C, 3 h)
<b>Residual Solvents</b>	Isobutene : ≤ 1000 ppm Methanol : ≤ 3000 ppm Acetone : ≤ 5000 ppm Acetonitrile : ≤ 410 ppm, DCM : ≤ 600 ppm, MTBE : ≤ 5000 ppm, n-Hexane : ≤ 290 ppm Ethyl acetate : ≤ 5000 ppm, Cyclohexane : ≤ 3880 ppm, Toluene : ≤ 890 ppm
<b>Related Substances</b>	Impurity A, B and D : ≤ 0.20% Impurity C : ≤ 20% Highest individual unspecified impurity : ≤ 0.10% Total impurities : ≤ 1% Ordinary impurities by TLC : ≤ 2%
<b>Residue On Ignition</b>	≤ 0.10%
<b>Purity by HPLC</b>	99 - 102%
<b>Storage</b>	Store at 0 - 8 °C
<b>Additional Information</b>	Test for chlorides : To pass test Hydro chloride content by titration : 13 - 16% (On dried basis)

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**For Laboratory Use Only**