CATO Research Chemicals Inc.

Make the Tests More Accurate

ISO 17034 : 2016 | ISO 9001 : 2015

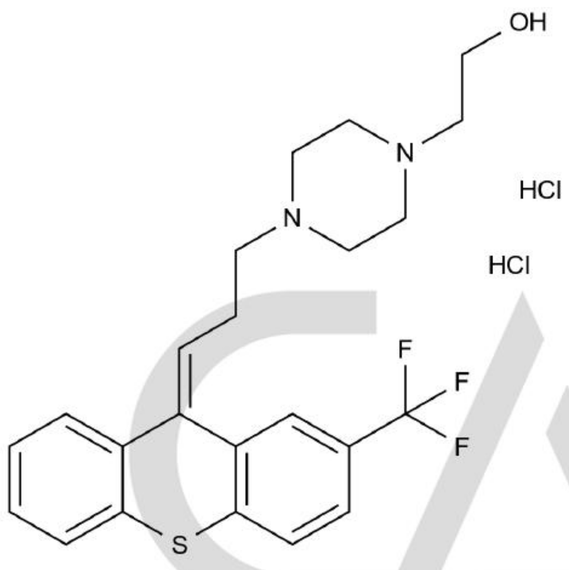
No.: 202604070218

Certificate of Analysis

Reference Material & Standard

Product Name:	Flupentixol DiHCl	**Catalogue Number:**	C4X-1895
Synonyms:	N/A	**Lot Number:**	0409-RH-0069
CAS Number:	2413-38-9	**Expiry Date:**	Apr 15, 2030
Molecular Formula:	$C_{23}H_{25}F_3N_2OS$ 2*HCl	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	434.52 2*36.46	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.777%
Water Content	Karl Fischer	1.2087%
Residue on Ignition	TGA	0.0220%
Assay		98.5%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Water Content-Residue on Ignition) * Purity HPLC (%) /100%*
Water Content and Residue on Ignition are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Alice — Date: Apr 16, 2026

Reviewed by: Koi — Date: Apr 16, 2026

Approved by General Manager: David — Date: Apr 16, 2026

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ANAB ANSI National Accreditation Board ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER AR-2832

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