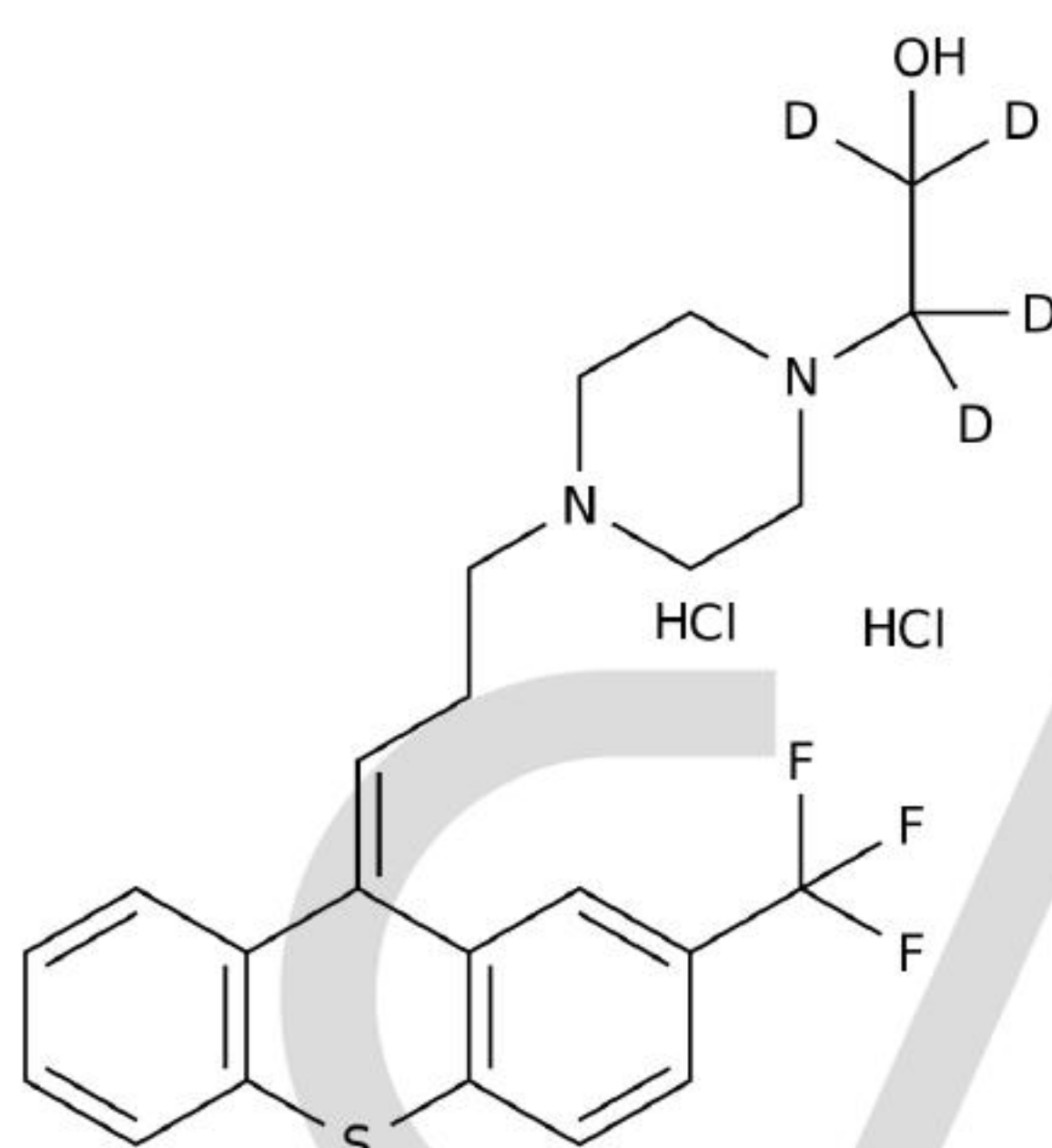


Certificate of Analysis

Reference Material & Standard

Product Name:	(E/Z)-Flupentixol-d4 Dihydrochloride	Catalogue Number:	C4X-189512
Synonyms:	N/A	Lot Number:	0224-RG-0014
CAS Number:	N/A	Expiry Date:	May 17, 2026
Molecular Formula:	C ₂₃ H ₂₁ D ₄ F ₃ N ₂ OS 2*HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	438.54 2*36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Beige to Light Beige Solid
Identification	LCMS&FNMR&HNMR	Confirmed
Chemical Purity	HPLC	97.27%
Isotopic Purity		99.9%
Water Content	Elemental Analysis	4.6%
Assay		92.8%

Comment:

1. No chromatogram available.
2. The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity HPLC (\%)} / 100\%$$
 Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Mar 03, 2025

Date: Mar 03, 2025

Date: Mar 03, 2025

