Certificate of Analysis

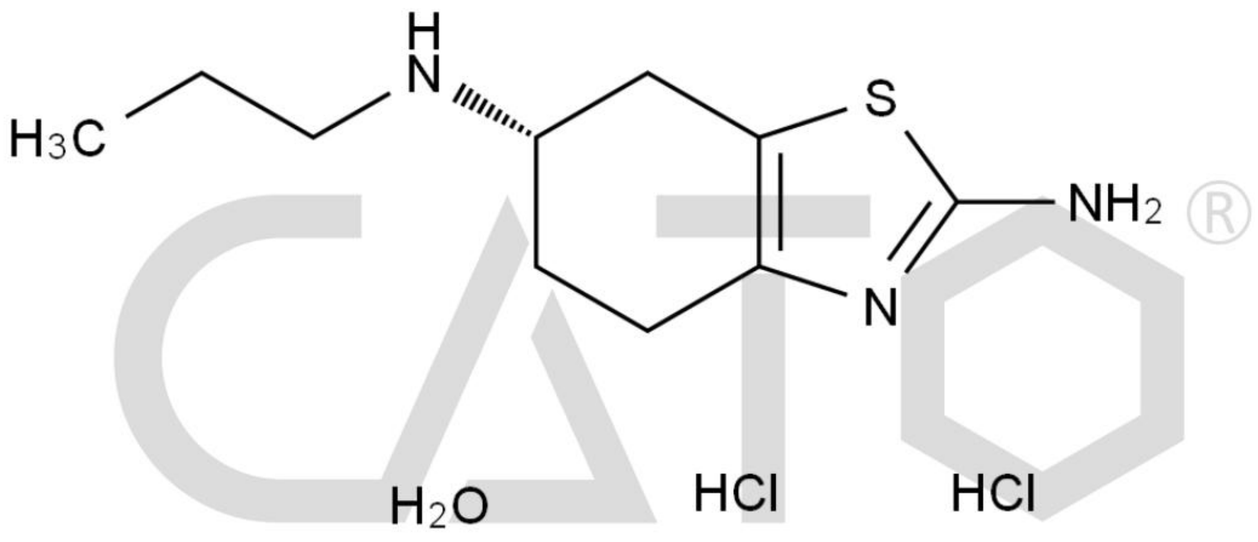
Reference Material & Standard

Product Name:	Pramipexole Dihydrochloride Monohydrate	**Catalogue Number:**	C4X-110721
Synonyms:	N/A	**Lot Number:**	0112-RF-0025
CAS Number:	191217-81-9	**Expiry Date:**	Jan 15, 2027
Molecular Formula:	$C_{10}H_{17}N_3S$ 2*HCl H_2O	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	211.33 2*36.46 18.02	**Shipping Condition:**	Shipping at Room Temperature

Warning:



Chemical Structure:



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Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	99.4%

Signature:

Prepared by: Koi Date: Oct 16, 2026

Reviewed by: Lisa Date: Oct 16, 2026

Approved by General Manager: David Date: Oct 16, 2026

CATO Research Chemicals Inc.