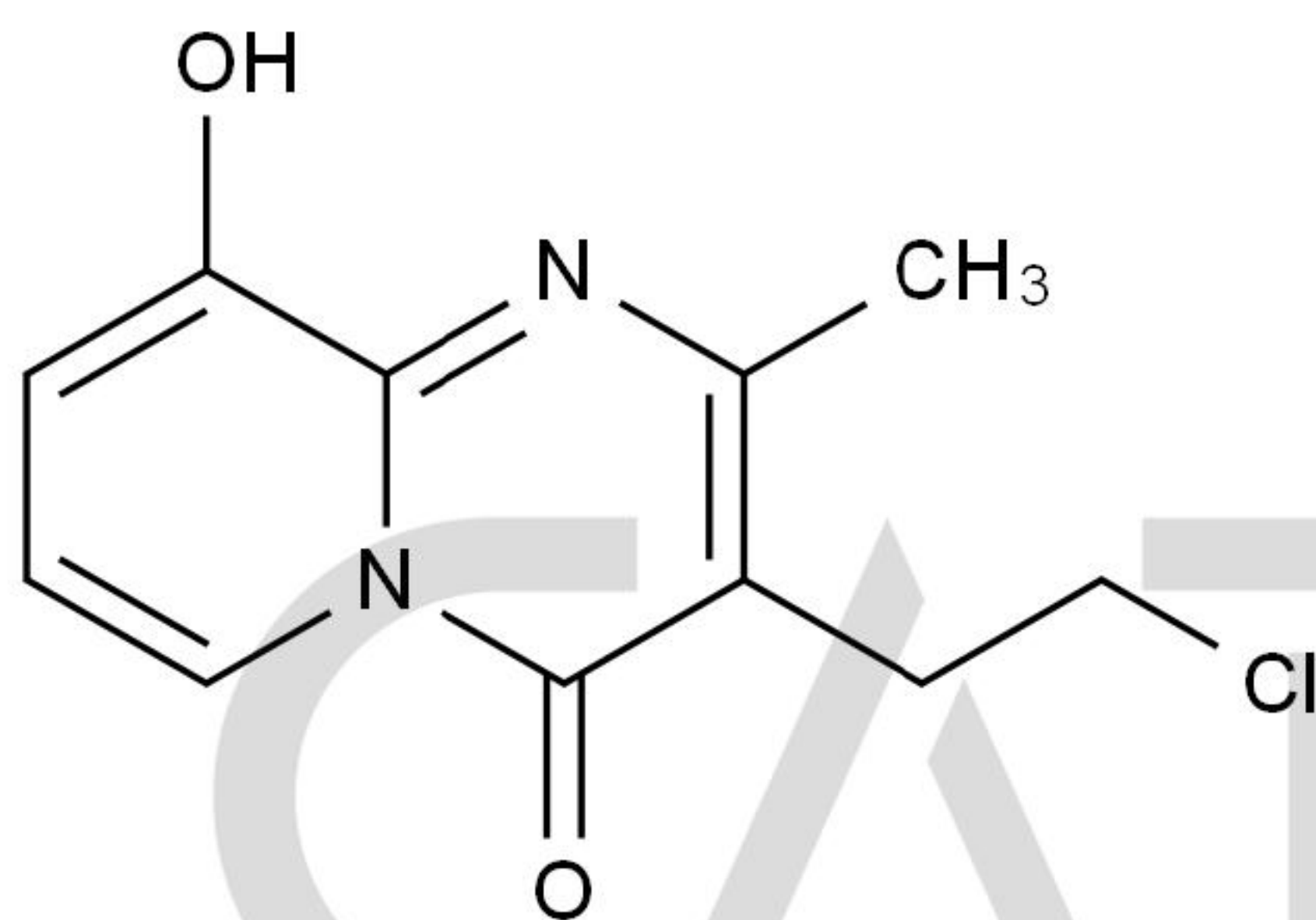


Certificate of Analysis

Reference Material & Standard

Product Name:	Paliperidone Impurity 50	Catalogue Number:	C4X-172450
Synonyms:	N/A	Lot Number:	1106-RE-0019
CAS Number:	260273-82-3	Expiry Date:	Jul 14, 2027
Molecular Formula:	C ₁₁ H ₁₁ ClN ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	238.67	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.942%
Water Content	Karl Fischer	0.86%
Residual Solvents	NMR	Not detected in NMR
Assay		99.1%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Mar 20, 2025

Date: Mar 20, 2025

Date: Mar 20, 2025

