

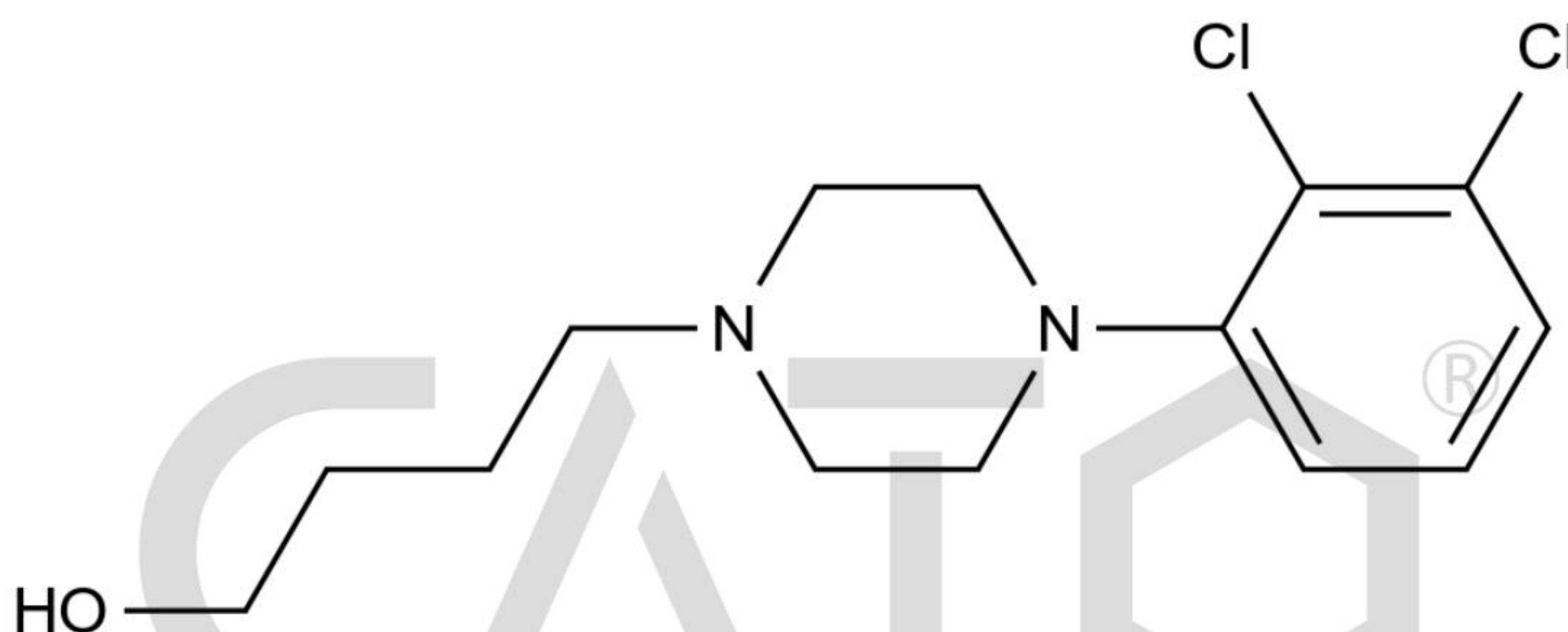
Certificate of Analysis

Reference Material & Standard

Product Name:	Aripiprazole Impurity N9	Catalogue Number:	CP150449
Synonyms:	N/A	Lot Number:	0425-RF-0025
CAS Number:	870765-38-1	Expiry Date:	Apr 27, 2027
Molecular Formula:	C ₁₄ H ₂₀ Cl ₂ N ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	303.23	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.913%
Loss On Drying	TGA	1.5537%
Assay		95.4%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Aproved by General Manager:

David

Date: Apr 28, 2024

Date: Apr 28, 2024

Date: Apr 28, 2024

