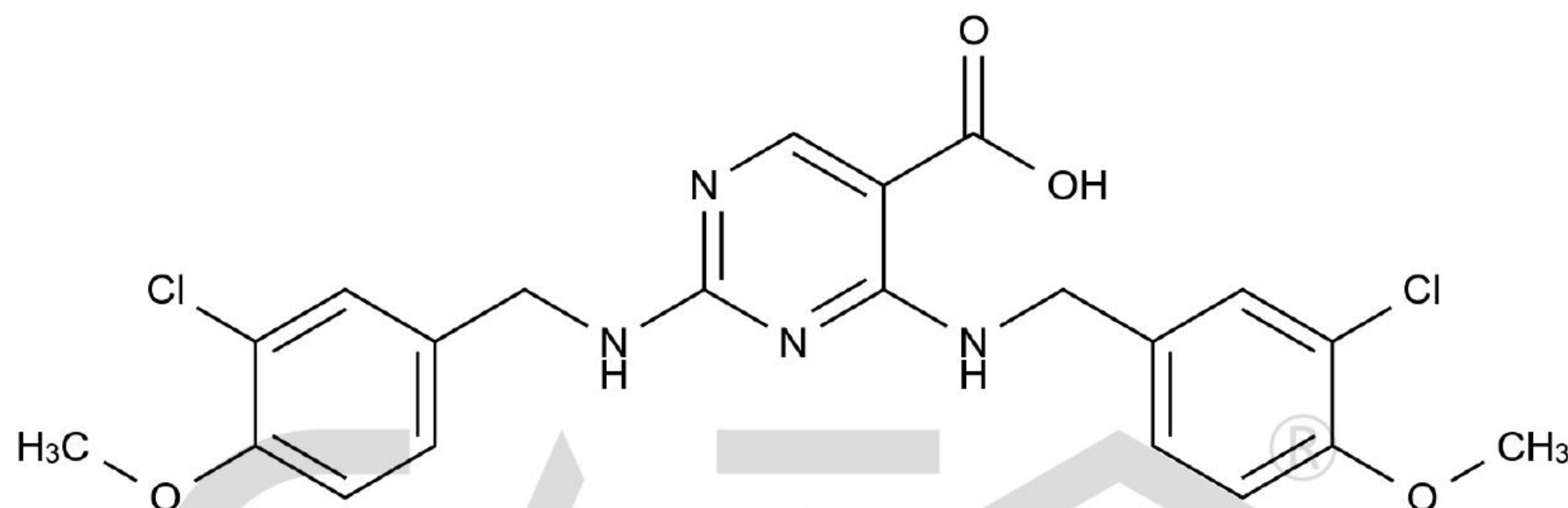


Certificate of Analysis

Reference Material

Product Name:	Avanafil Impurity 99	Catalogue Number:	C4X-111899
Chemical Name:	N/A	Lot Number:	0904-RE-0083
CAS Number:	1643811-21-5	Expiry Date:	Sep 07, 2026
Molecular Formula:	C ₂₁ H ₂₀ Cl ₂ N ₄ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	463.31		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.094%
Loss On Drying	TGA	0.1452%
Assay		96.0%

Comment:

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

Assay (%) = (100% - Loss On Drying) * 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

Aporoved by General manager:

David

Date: Sep 08, 2023

Date: Sep 11, 2023

Date: Sep 11, 2023

