

Certificate of Analysis

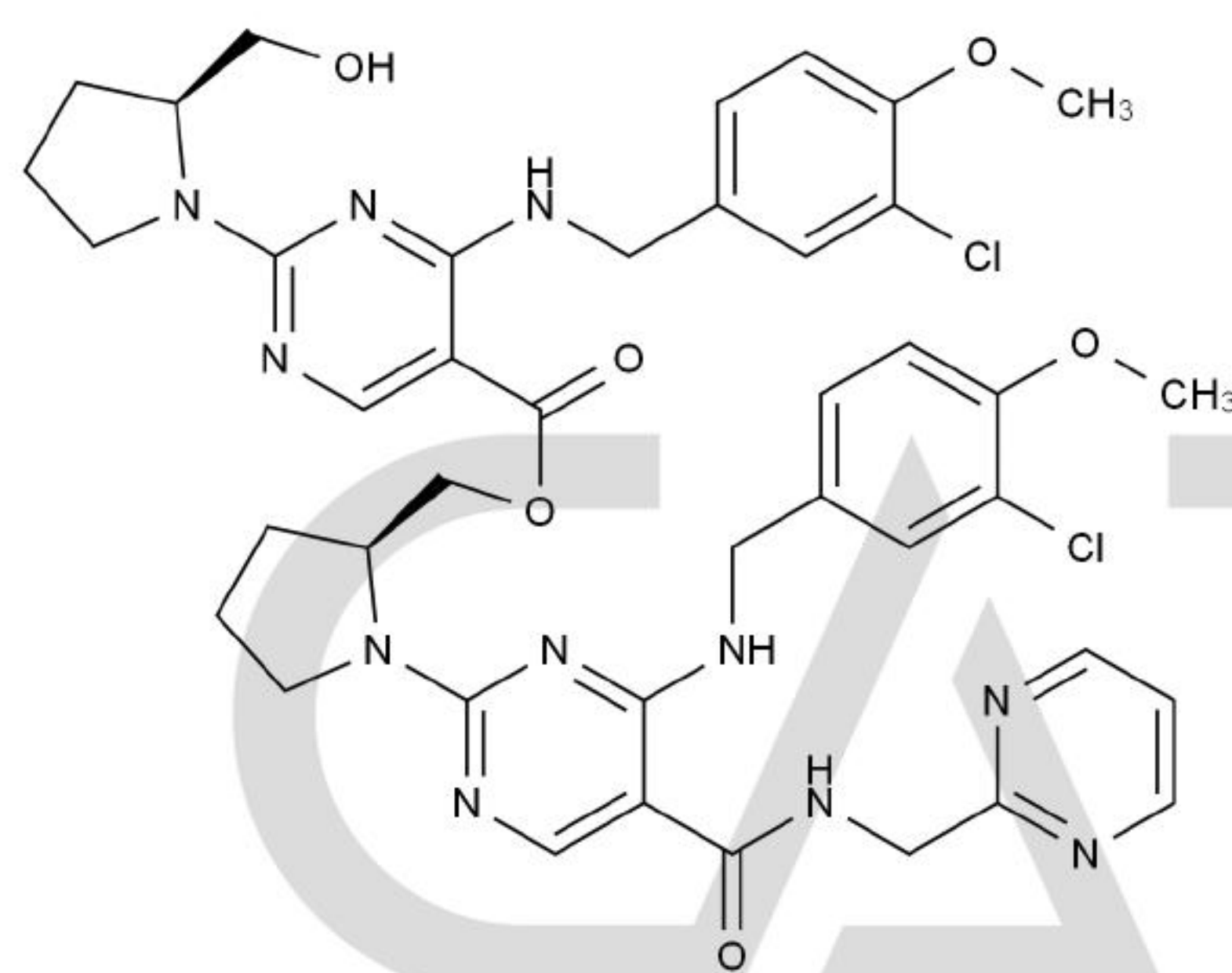
Reference Material & Standard

Product Name:	Avanafil Impurity 12	Catalogue Number:	C4X-111812
Synonyms:	N/A	Lot Number:	0904-RE-0084
CAS Number:	N/A	Expiry Date:	Nov 20, 2029
Molecular Formula:	C ₄₁ H ₄₅ Cl ₂ N ₁₁ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	858.77	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.261%
Loss On Drying	TGA	0.6019%
Assay		98.7%

Comment:

The calculation of the mass balance 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:

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Reviewed by:

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Approved by General Manager:

David

Date: Nov 21, 2025

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