

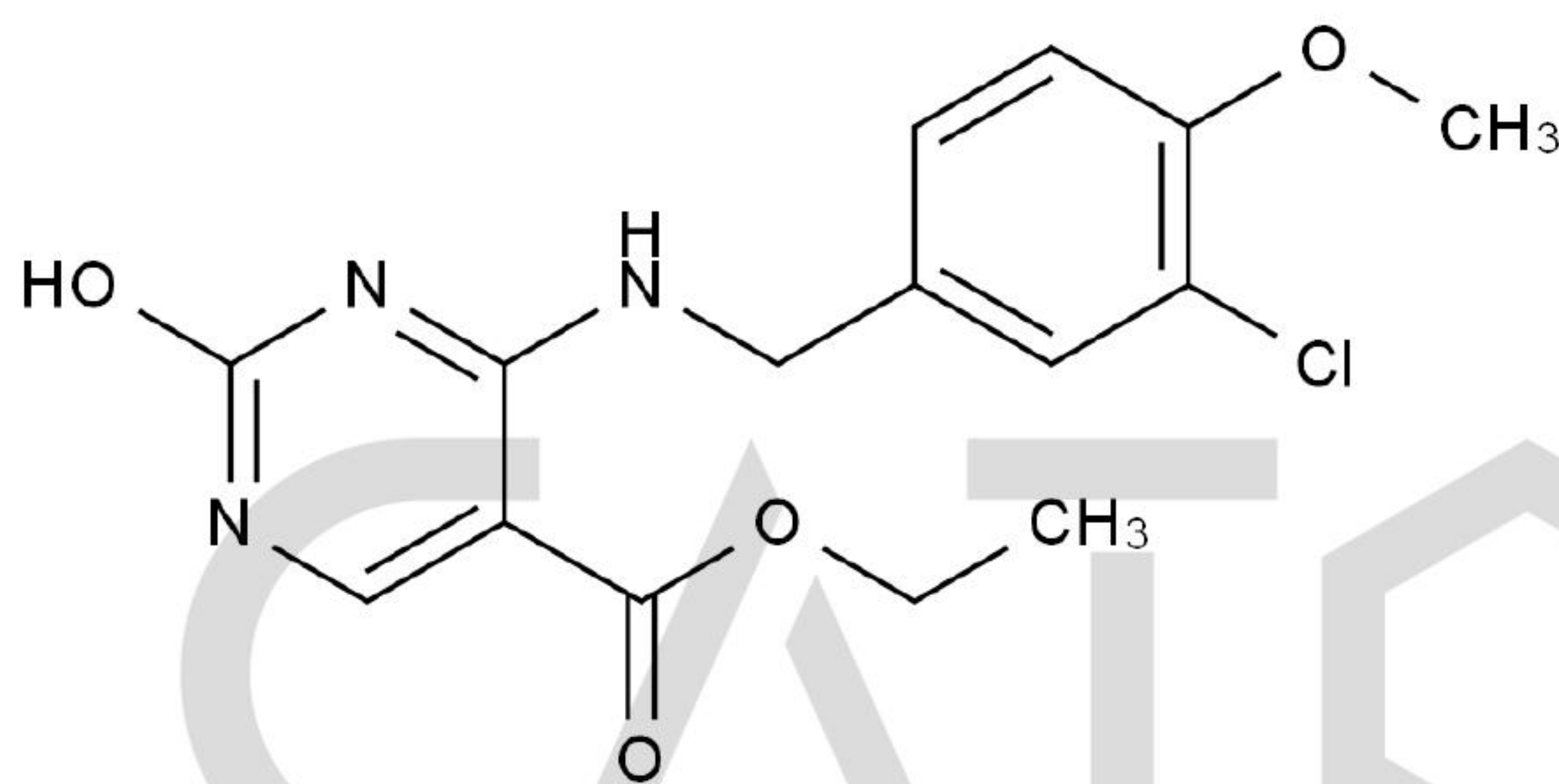
Certificate of Analysis

Reference Material & Standard

Product Name:	Avanafil Impurity 13	Catalogue Number:	C4X-111813
Synonyms:	N/A	Lot Number:	0627-RG-0111
CAS Number:	330785-99-4	Expiry Date:	Jun 30, 2028
Molecular Formula:	C ₁₅ H ₁₆ ClN ₃ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	337.76	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.873%
Loss On Drying	TGA	8.4553%
Assay		91.4%

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:

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Approved by General Manager:

David

Date: Jul 01, 2025

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