

Certificate of Analysis

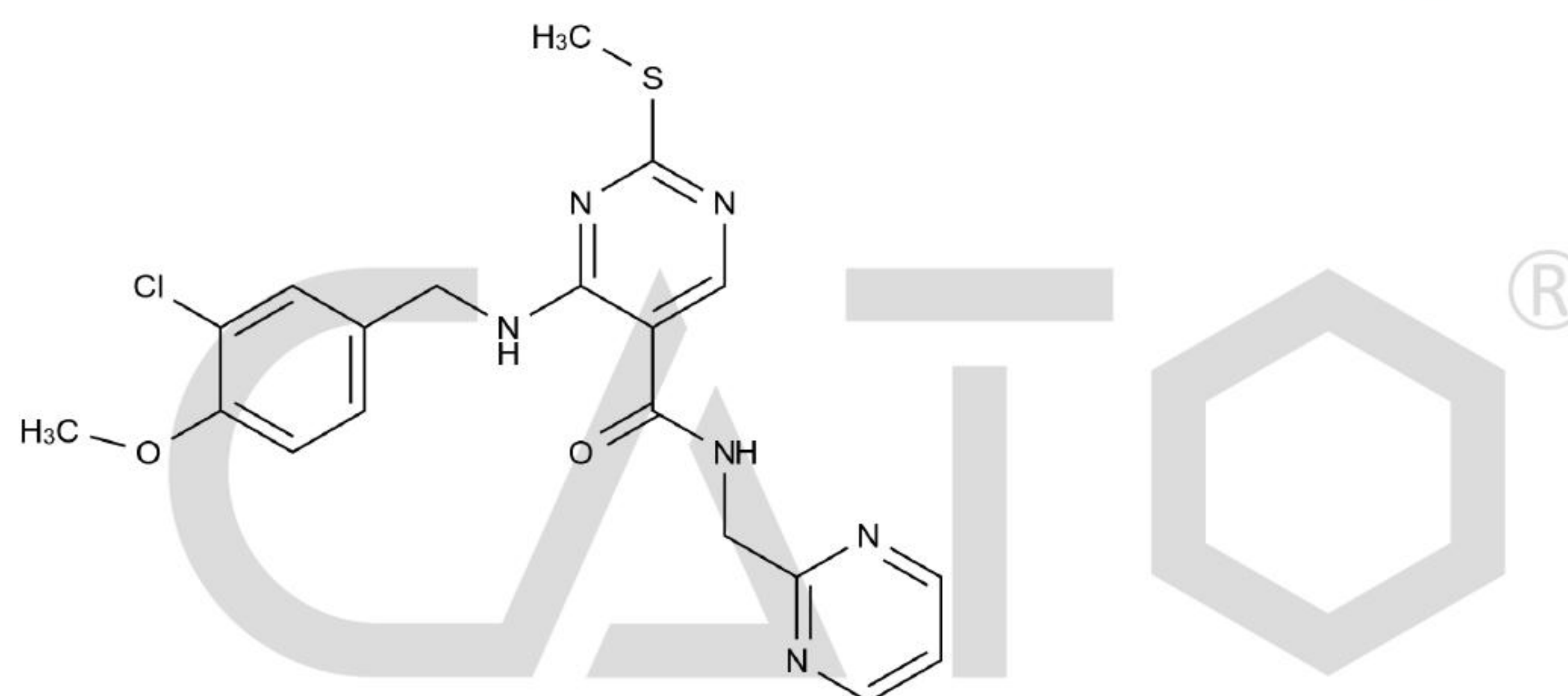
Reference Material & Standard

Product Name:	Avanafil Impurity 2	Catalogue Number:	C4X-11182
Synonyms:	N/A	Lot Number:	0901-RE-0073
CAS Number:	1364671-62-4	Expiry Date:	Jul 23, 2030
Molecular Formula:	C ₁₉ H ₁₉ ClN ₆ O ₂ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	430.91	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.726%
Loss on Drying	TGA	3.2929%
Assay		96.4%

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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Date: Jul 24, 2026

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