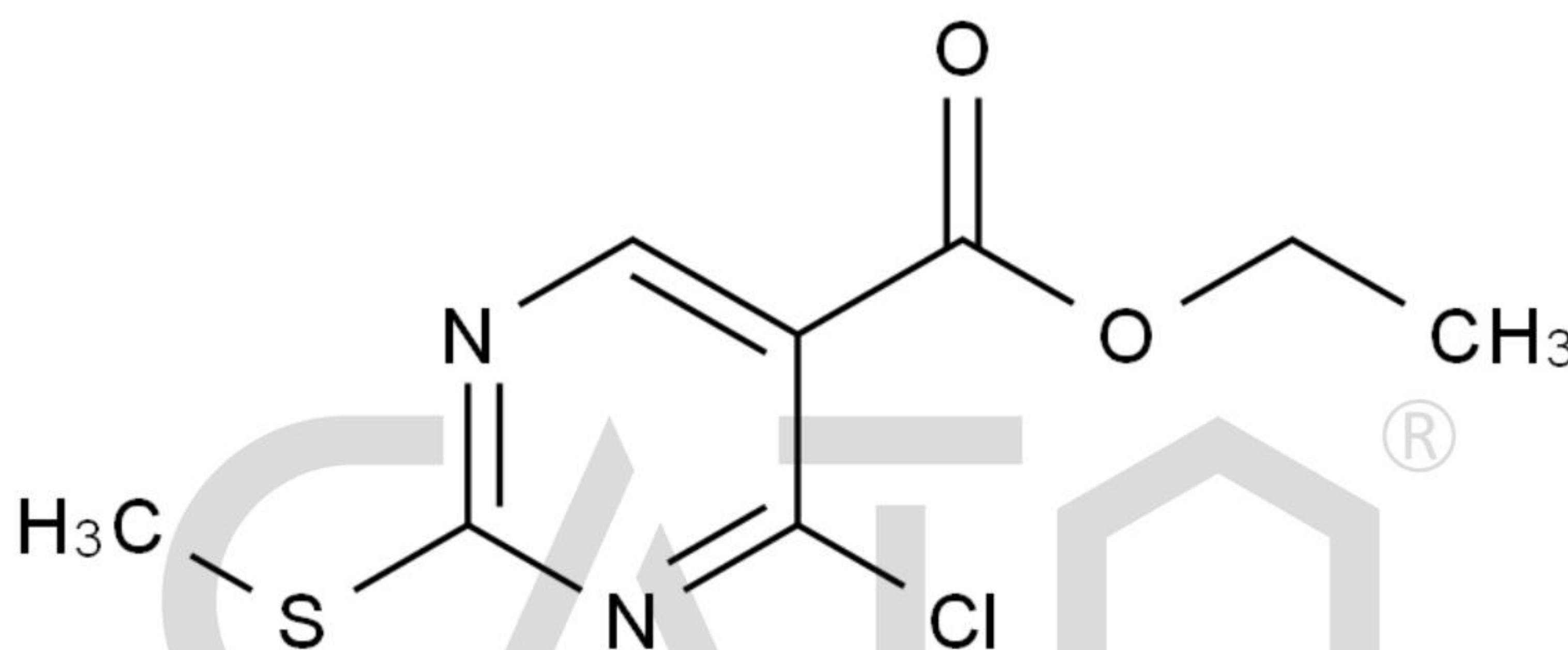


Certificate of Analysis

Reference Material & Standard

Product Name:	Avanafil Impurity 55	Catalogue Number:	C4X-111855
Synonyms:	N/A	Lot Number:	1218-RF-0033
CAS Number:	5909-24-0	Expiry Date:	Dec 17, 2027
Molecular Formula:	C ₈ H ₉ ClN ₂ O ₂ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	232.69		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.185%
Loss On Drying	TGA	0.4122%
Assay		98.8%

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:

Lisa

Approved by General Manager:

David

Date: Dec 18, 2024

Date: Dec 19, 2024

Date: Dec 19, 2024

