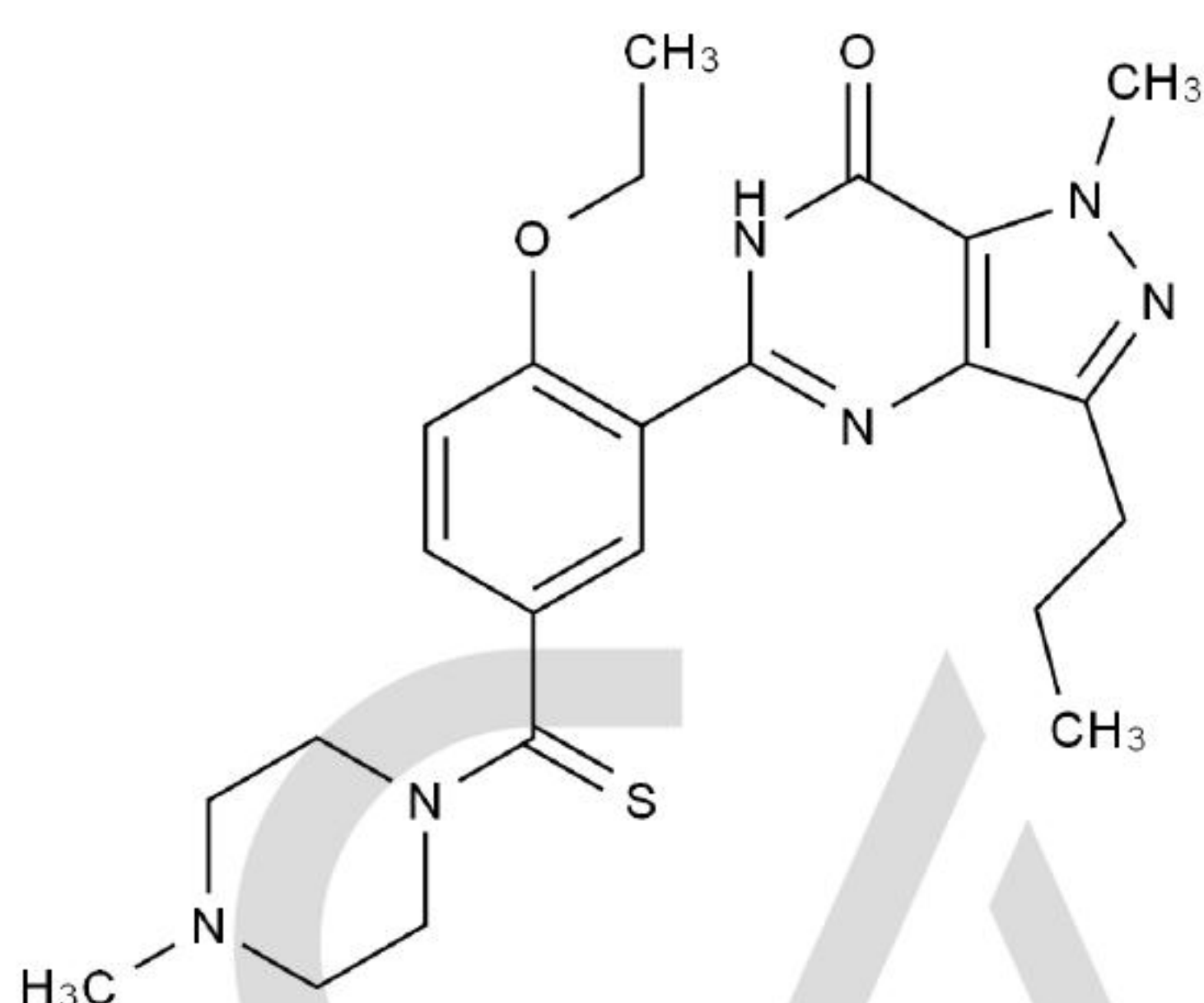


Certificate of Analysis

Reference Material & Standard

Product Name:	Sildenafil Impurity 246	Catalogue Number:	C4X-1128246
Synonyms:	N/A	Lot Number:	0220-RG-0011
CAS Number:	1786437-29-3	Expiry Date:	Feb 23, 2028
Molecular Formula:	C23H30N6O2S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	454.59		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.992%
Loss On Drying	TGA	0.1528%
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:

Koi

Approved by General Manager:

David

Date: Feb 24, 2025

Date: Feb 24, 2025

Date: Feb 24, 2025

