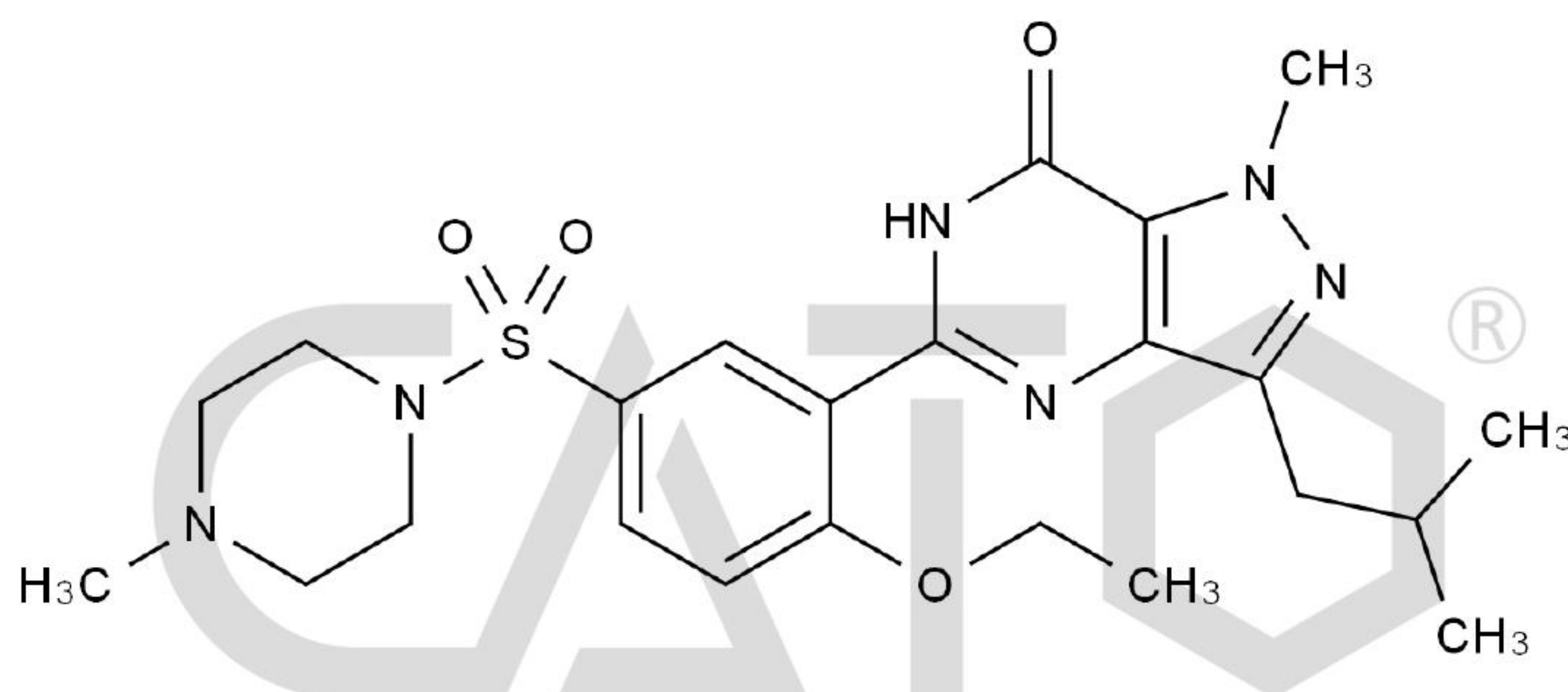


Certificate of Analysis

Reference Material & Standard

Product Name:	Sildenafil EP Impurity A	Catalogue Number:	C4X-112813
Synonyms:	N/A	Lot Number:	1011-RH-0076
CAS Number:	1391053-95-4	Expiry Date:	Oct 12, 2030
Molecular Formula:	C ₂₃ H ₃₂ N ₆ O ₄ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	488.60	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.098%
Loss on Drying	TGA	0.0338%
Assay	Mass Balance	99.1%

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:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Oct 13, 2026

Date: Oct 13, 2026

Date: Oct 13, 2026



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