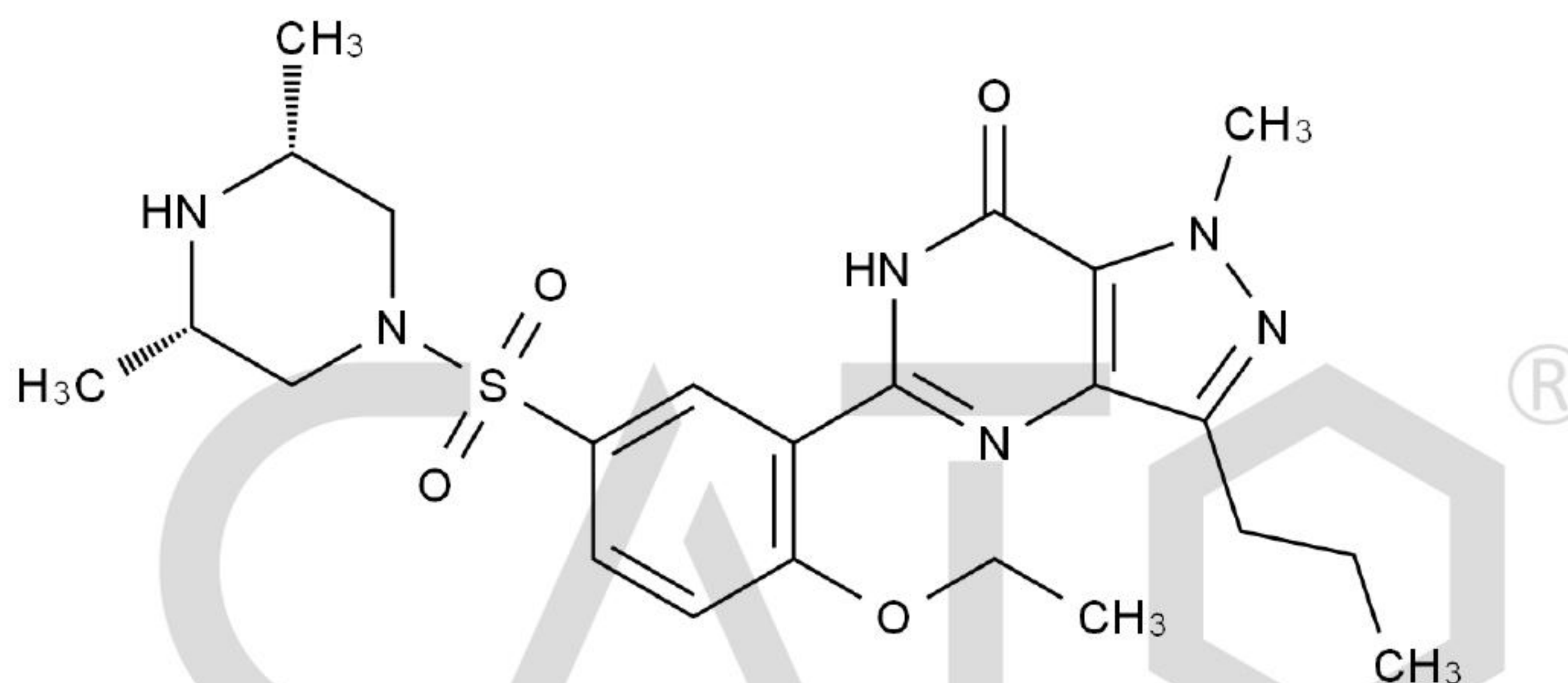


Certificate of Analysis

Reference Material & Standard

Product Name:	Methisosildenafil	Catalogue Number:	C4X-2284
Synonyms:	N/A	Lot Number:	0214-RG-0018
CAS Number:	496835-35-9	Expiry Date:	Dec 29, 2029
Molecular Formula:	C ₂₃ H ₃₂ N ₆ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	488.60	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.701%
Residue on Ignition	TGA	0.9784%
Loss On Drying	TGA	0.0126%
Assay		97.7%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Dec 30, 2025

Date: Dec 30, 2025

Date: Dec 30, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

