

Certificate of Analysis

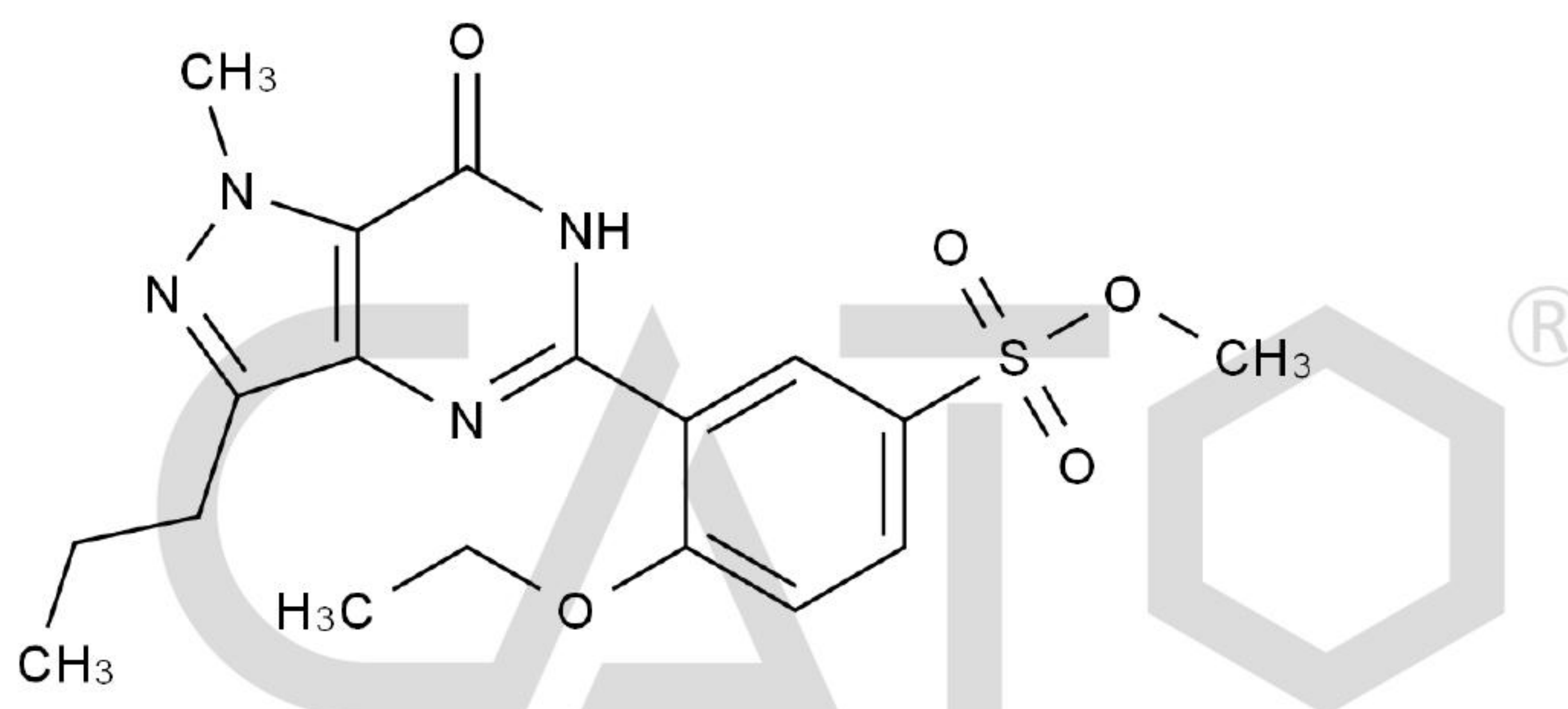
Reference Material & Standard

Product Name:	Sildenafil Impurity 15	Catalogue Number:	C4X-112815
Synonyms:	N/A	Lot Number:	0616-RH-0110
CAS Number:	2512206-40-3	Expiry Date:	Jun 21, 2030
Molecular Formula:	C ₁₈ H ₂₂ N ₄ O ₅ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	406.46	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.865%
Loss on Drying	TGA	0.6291%
Assay		98.2%

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: Jun 22, 2026

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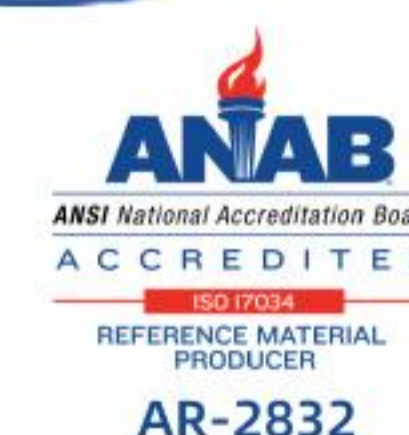
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Page 1 of 6



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