

Certificate of Analysis

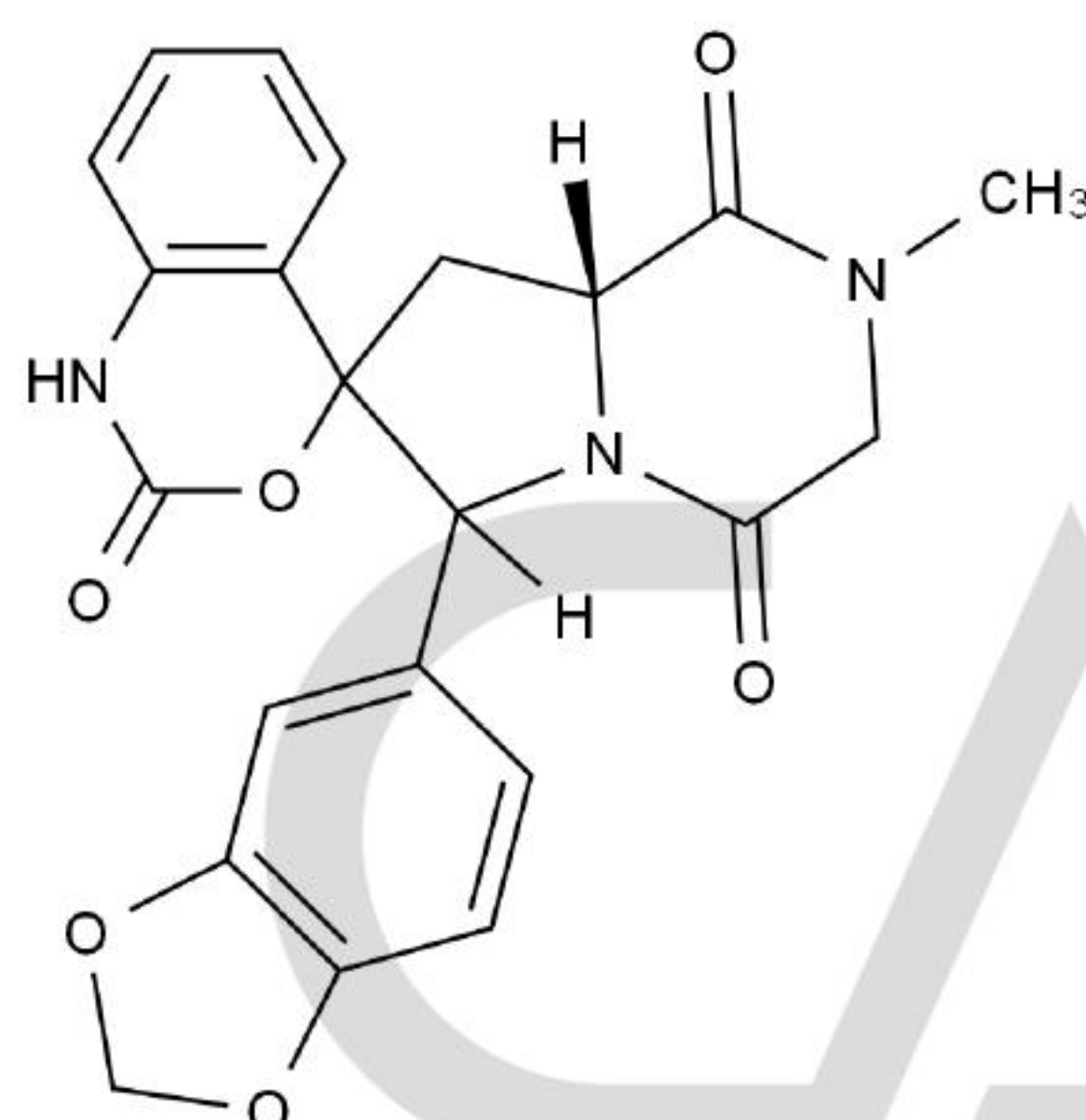
Reference Material & Standard

Product Name:	Tadalafil EP Impurity F	Catalogue Number:	C4X-10876
Synonyms:	N/A	Lot Number:	0729-RH-0002
CAS Number:	2747958-44-5	Expiry Date:	Mar 18, 2030
Molecular Formula:	C ₂₂ H ₁₉ N ₃ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	421.40	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	98.04%
Loss on Drying	TGA	6.92%
Assay		91.3%

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:

Reviewed by:

Approved by General Manager:

Date: Jul 29, 2026

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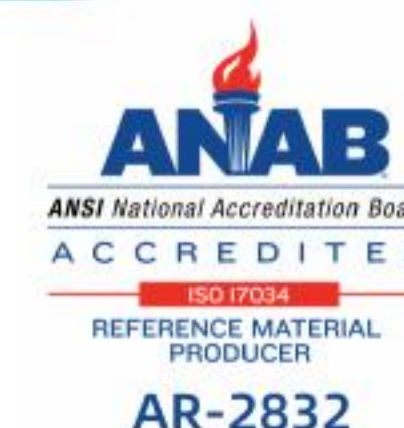
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