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CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2026

Re-test Date: May 2029

Product Name: Tadalafil EP Impurity A

Identification:

Chemical Name: (6R,12aS)-6-(1,3-Benzodioxol-5-yl)-2-methyl-2,3,6,7,12,12a-hexahydropyrazino[1',2':1,6]pyrido[3,4-b]indole-1,4-dione (as per EP)

Synonyms : cis-Tadalafil ; 6R,12aS
diastereomer

CAS Number : 171596-27-3

CAT Number : CP-T31001

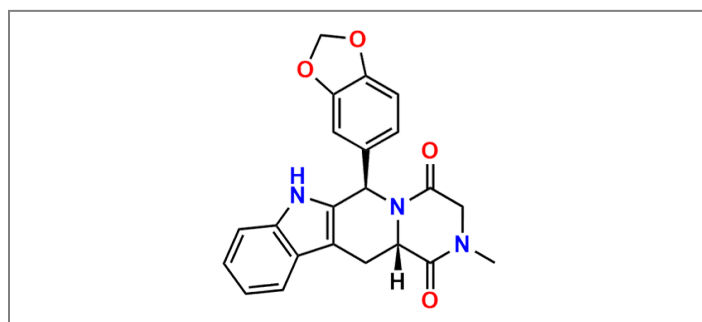
Molecular Formula : C₂₂H₁₉N₃O₄

Molecular Weight : 389.41

Batch Number : CP-TAD-A-0626

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	99.09%
5)	¹ HNMR	Confirm to structure
6)	¹³ CNMR	Confirm to Structure
7)	FT-IR	Confirm to Structure
8)	Weight loss by TGA	0.021%
9)	Potency	99.07%



Prepared and Reviewed By



Mr. Shubham Bondre
(Quality Control)

Approved By



Mr. Abhijit Kale
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.