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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2024

Re-test Date: Nov 2027

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

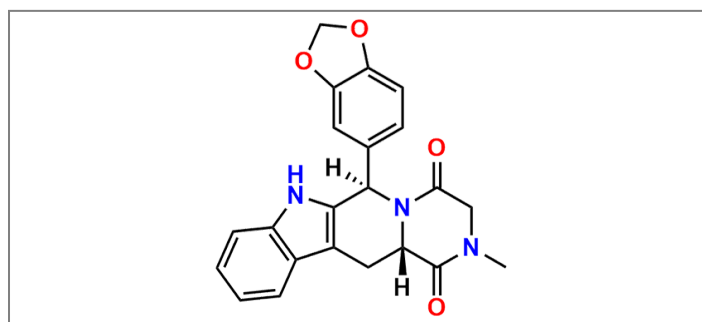
Molecular Formula : C₂₂H₁₉N₃O₄

Molecular Weight : 389.41

Batch Number : CHEM-TAD-A

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 | Pale Yellow to Brown Solid |
| 2) | Solubility | Soluble in ACN:H ₂ O (8:2) /DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | 98.61% |
| 5) | H1NMR | Confirm to structure |



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

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