

CERTIFICATE OF ANALYSIS

(Certificate No. KMT020003-01)

Release Date: 31/01/2026

Re-test Date: 30/01/2029

Desmethyleno Tadalafil

Identification

Chemical Name :

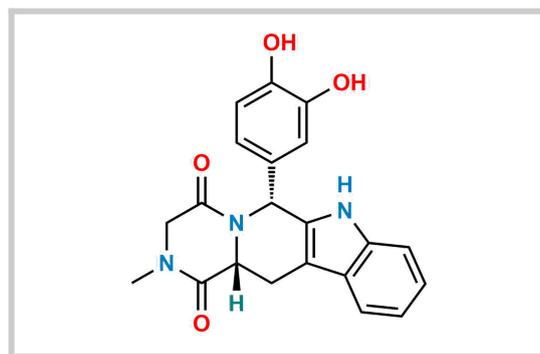
(6R,12aR)-6-(3,4-dihydroxyphenyl)-2-methyl-2,3,6,7,12,12a-hexahydropyrazino[1',2':1,6]pyrido[3,4-b]indole-1,4-dione

CAT No. : KMT020003

CAS No. : 171489-03-5

Molecular Formula : C₂₁H₁₉N₃O₄

Molecular Weight : 377.4



Analytical Information

Batch No. : T020003-102-346

Description : Off White Solid

HPLC Purity : 98.68 %

Weight Loss By TGA : 1.12 %

% Potency : 97.57 %

Solubility : ACN : Water (1:1)

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = $[100 - 1.12(\text{Weight Loss By TGA})] \times [98.68(\text{HPLC Purity})]/100 = 97.57 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		04/02/2026
Reviewed & Approved By	Quality Control	Jatin Patel		04/02/2026

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA