CERTIFICATE OF ANALYSIS

(Certificate No. KMT020003-02)

Release Date: 02/04/2026 **Re-test Date:** 01/04/2029

DESMETHYLENE TADALAFIL

Identification

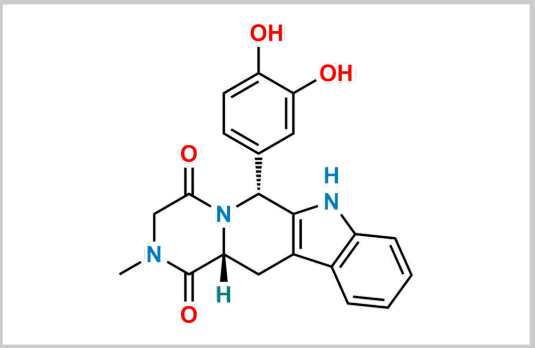
Chemical Name : (6R,12aR)-6-(3,4-dihydroxyphenyl)-2-methyl-2,3,6,7,12,12a-hexahydropyrazino[1',2':1,6]pyrido[3,4-b]indole-1,4-dione

CAT No. : KMT020003

CAS No. : 171489-03-5

Molecular Formula : C21H19N3O4

Molecular Weight : 377.4



Analytical Information

Batch No.	: T020003-114-230	**Solubility**	: ACN
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.10 %	**IR**	: Confirm
Weight Loss By TGA	: 0.94 %	**1H NMR**	: Confirm
% Potency	: 98.17 %		

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 - 0.94(Weight Loss By TGA)] x [99.10(HPLC Purity)]/100 = 98.17 %

Recommendation : Released

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

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA