CERTIFICATE OF ANALYSIS

(Certificate No. KMT020010-01)

Release Date: 23/07/2025 **Re-test Date:** 22/07/2028

Tadalafil Chloroacetyl Impurity

Identification

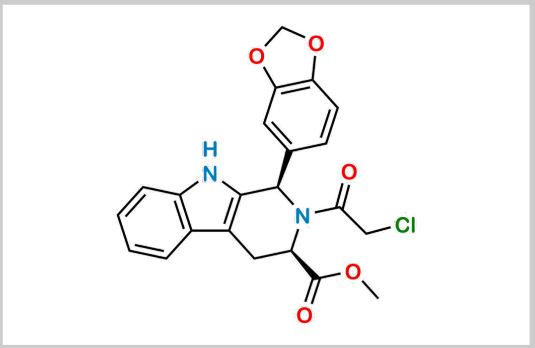
Chemical Name :
Methyl (1R,3R)-1-(benzo[d][1,3]dioxol-5-yl)-2-(2-chloroacetyl)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-carboxylate

CAT No. : KMT020010

CAS No. : 171489-59-1

Molecular Formula : C22H19ClN2O5

Molecular Weight : 426.9



Analytical Information

Batch No.	: T020010-102-142	**Solubility**	: Methanol
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.79 %	**IR**	: Confirm
Weight Loss By TGA	: 0.06 %	**1H NMR**	: Confirm
% Potency	: 99.73 %		

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 - 0.06(Weight Loss By TGA)] x [99.79(HPLC Purity)]/100 = 99.73 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		23/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		23/07/2025

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