

CERTIFICATE OF ANALYSIS

(Certificate No. KMI005020-01)

Release Date: 26/03/2025

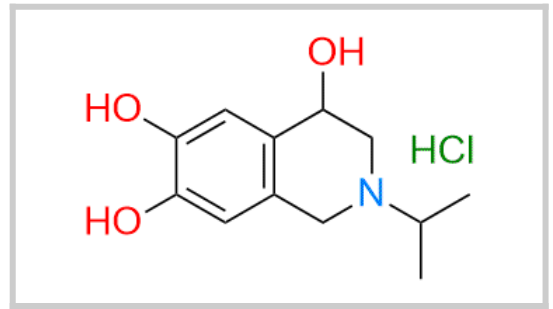
Re-test Date: 25/03/2028

ISOPROTERENOL CYCLIZED IMPURITY

Identification

Chemical Name :
2-isopropyl-1,2,3,4-tetrahydroisoquinoline-4,6,7-triol hydrochloride

CAT No. : KMI005020
CAS No. : 2771193-18-9
Molecular Formula : C₁₂H₁₇NO₃ : HCl
Molecular Weight : 223.3 : 36.5



Analytical Information

Batch No.	: I005020-091-262	Solubility	: Water
Description	: Creamish Solid	Mass	: Confirm
HPLC Purity	: 97.93 %	IR	: Confirm
Weight Loss By TGA	: 2.57 %	¹H NMR	: Confirm
% Potency	: 95.41 %	¹³C 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 - 2.57(Weight Loss By TGA)] x [97.93(HPLC Purity)]/100 = 95.41 %
Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		26/03/2025

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA