

CERTIFICATE OF ANALYSIS

(Certificate No. KMP008086-01)

Release Date: 11/04/2025

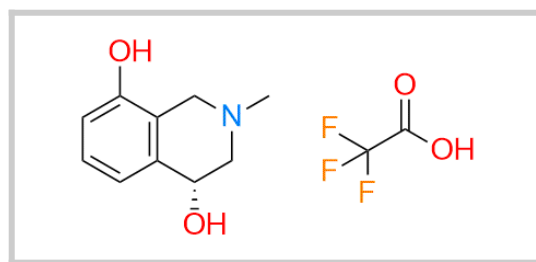
Re-test Date: 10/04/2028

Phenylephrine Related Compound F

Identification

Chemical Name :
(R)-2-methyl-1,2,3,4-tetrahydroisoquinoline-4,8-diol TFA salt

CAT No. : KMP008086
CAS No. : Not Available
Molecular Formula : C₁₀H₁₃NO₂ : C₂HF₃O₂
Molecular Weight : 179.2 : 114.02



Analytical Information

Batch No.	: P008086-091-314	Solubility	: Water : ACN :: (90:10)
Description	: Off White Solid	Mass	: Confirm
HPLC Purity	: 99.81 %	IR	: Confirm
Weight Loss By TGA	: 0.55 %	¹H NMR	: Confirm
% Potency	: 99.26 %	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 - 0.55(Weight Loss By TGA)] x [99.81(HPLC Purity)]/100 = 99.26 %
-¹³C NMR analysis added on 15.09.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		16/09/2025
Reviewed & Approved By	Quality Control	Jatin Patel		16/09/2025

Attachments : COA, HPLC, MASS, ¹H NMR, ¹³C NMR, IR and TGA