

CERTIFICATE OF ANALYSIS

(Certificate No. KMP069002-01)

Release Date: 07/07/2023

Re-test Date: 06/07/2026

Perampanel Impurity B

Identification

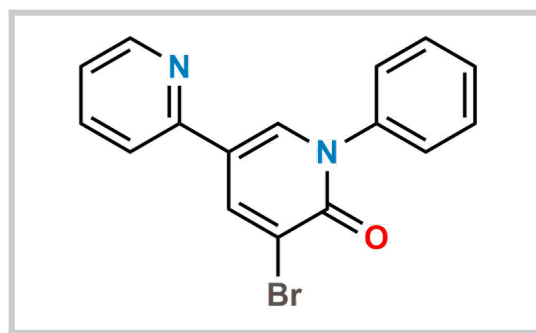
Chemical Name :
5'-Bromo-1'-phenyl-[2,3'-bipyridin]-6'(1'H)-one

CAT No. : KMP069002

CAS No. : 381248-06-2

Molecular Formula : C₁₆H₁₁BrN₂O

Molecular Weight : 327.2



Analytical Information

Batch No. : BRO-PY-045-193

Description : Off White Solid

HPLC Purity : 99.91 %

Weight Loss By TGA : 3.24 %

% Potency : 96.67 %

Solubility : Acetonitrile

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 - 3.24(Weight Loss By TGA)] x [99.91(HPLC Purity)]/100 = 96.67 %

Remarks : COA Re-generated on 06.01.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		06/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		06/01/2025

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