CERTIFICATE OF ANALYSIS

(Certificate No. KMP003017-01)

Release Date: 18/02/2025 **Re-test Date:** 17/02/2028

PIPRC-6

Identification

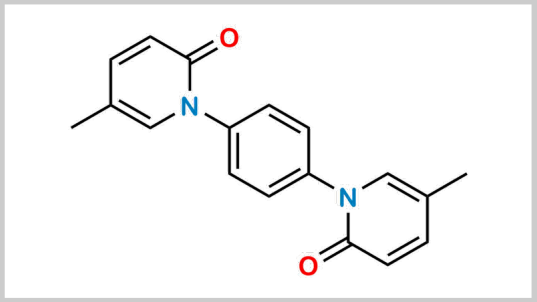
Chemical Name :
1,1'-(1,4-Phenylene)bis(5-methylpyridin-2(1H)-one)

CAT No. : KMP003017

CAS No. : 2251047-36-4

Molecular Formula : C18H16N2O2

Molecular Weight : 292.3



Analytical Information

Batch No.	: PIR-P-DIMER-08-168	**Solubility**	: Acetonitrile
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.60 %	**IR**	: Confirm
Weight Loss By TGA	: 0.71 %	**1H NMR**	: Confirm
% Potency	: 98.89 %		

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 - 0.71(Weight Loss By TGA)] x [99.60(HPLC Purity)]/100 = 98.89 %
-Re-tested on 18.02.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		29/05/2025

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