

CERTIFICATE OF ANALYSIS

(Certificate No. KMP003017-01)

Release Date: 18/02/2025

Re-test Date: 17/02/2028

PIPRC-6

Identification

Chemical Name :

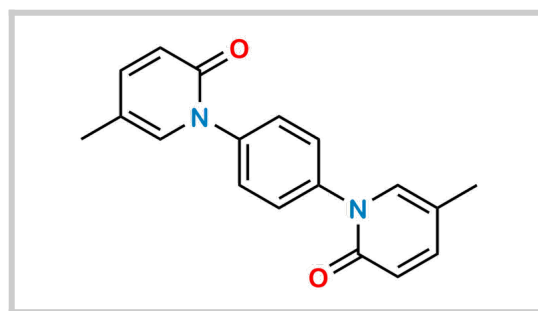
1,1'-(1,4-Phenylene)bis(5-methylpyridin-2(1H)-one)

CAT No. : KMP003017

CAS No. : 2251047-36-4

Molecular Formula : C₁₈H₁₆N₂O₂

Molecular Weight : 292.3



Analytical Information

Batch No. : PIR-P-DIMER-08-168

Description : Off White Solid

HPLC Purity : 99.60 %

Weight Loss By TGA : 0.71 %

% Potency : 98.89 %

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 - 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