

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP003017-01)

Release Date: 18/02/2025

Re-test Date: 17/02/2028

## PIPRC-6

### Identification

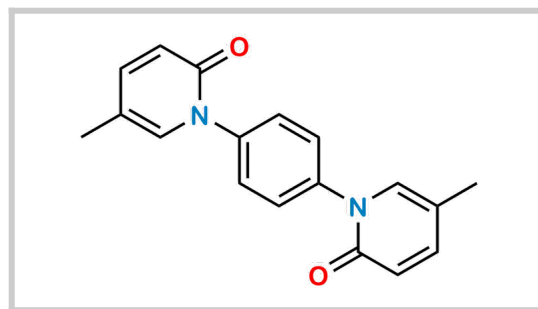
**Chemical Name :**  
1,1'-(1,4-Phenylene)bis(5-methylpyridin-2(1H)-one)

**CAT No.** : KMP003017

**CAS No.** : 2251047-36-4

**Molecular Formula** : C<sub>18</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>

**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

**<sup>1</sup>H 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
<b>Prepared By</b>	Analytical	Parag Patel		20/02/2025
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		20/02/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA