

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP003001-01)

Release Date: 20/02/2024

Re-test Date: 19/02/2027

## 2-Bromo Pirfenidone

### Identification

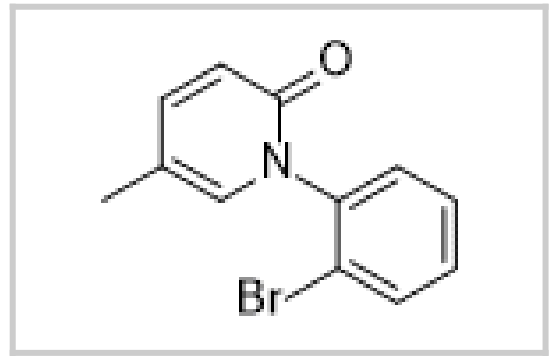
**Chemical Name :**  
1-(2-bromophenyl)-5-methylpyridin-2(1H)-one

**CAT No.** : KMP003001

**CAS No.** : 912570-12-8

**Molecular Formula** : C<sub>12</sub>H<sub>10</sub>BrNO

**Molecular Weight** : 264.12



### Analytical Information

**Batch No.** : PIR-MONO-073-081

**Description** : Light Yellow Liquid

**HPLC Purity** : 93.55 %

**Weight Loss By TGA** : 0.92 %

**% Potency** : 92.69 %

**Solubility** : ACN

**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 - 0.92(Weight Loss By TGA)] x [93.55(HPLC Purity)]/100 = 92.69 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		20/02/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		20/02/2024

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