# **Certificate of Analysis**

## Pirfenidone

Cat. No.: HY-B0673 CAS No.: 53179-13-8 Batch No.: 408219

**Chemical Name:** 2(1H)-Pyridinone, 5-methyl-1-phenyl-

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{12}H_{11}NO$ 185.22 Molecular Weight:

Storage: Powder -20°C 3 years

> 2 years  $4^{\circ}C$

In solvent -80°C 6 months

> 1 month -20°C

#### **Chemical Structure:**

### ANALYTICAL DATA

Appearance: White to light yellow (Solid) <sup>1</sup>H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (HPLC): 99.98%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA