

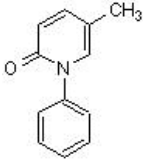
## Product datasheet

# Pirfenidone, orally active anti-inflammatory antifibrotic agent ab141425

[1 References](#) [1 Image](#)

### Overview

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<b>Product name</b>	Pirfenidone, orally active anti-inflammatory antifibrotic agent
<b>Description</b>	Orally active anti-inflammatory antifibrotic agent
<b>Biological description</b>	Orally active anti-inflammatory, antifibrotic and antiproliferative agent. Blood-brain barrier permeable. Shown to modulate cytokines TGF- $\beta$ and TNF- $\alpha$ .
<b>Purity</b>	> 99%
<b>CAS Number</b>	53179-13-8
<b>Chemical structure</b>	

### Properties

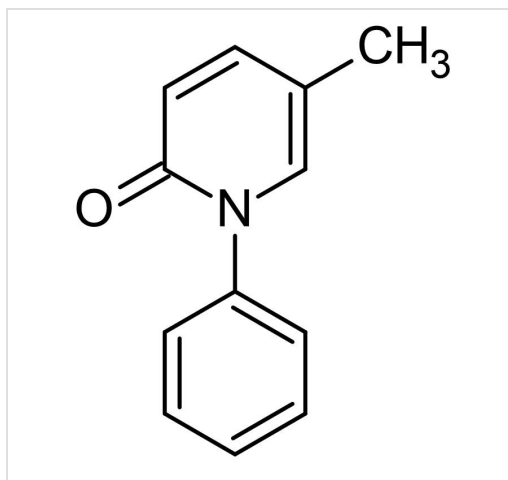
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<b>Chemical name</b>	5-Methyl-1-phenyl-2(1H)-pyridinone
<b>Molecular weight</b>	185.23
<b>Molecular formula</b>	C <sub>12</sub> H <sub>11</sub> NO
<b>PubChem identifier</b>	40632
<b>Storage instructions</b>	Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in 1 eq. HCl to 100 mM and in water to 25 mM
<b>Handling</b>	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Refer to SDS for further information</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>

<b>SMILES</b>	CC2=CN(c1ccccc1)C(=O)C=C2
<b>Source</b>	Synthetic

## Images

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Chemical Structure - Pirfenidone, orally active anti-inflammatory antifibrotic agent (ab141425)

2D chemical structure image of ab141425, Pirfenidone, orally active anti-inflammatory antifibrotic agent

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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