

Product Name : Pirfenidone

Synonyms : AMR 69

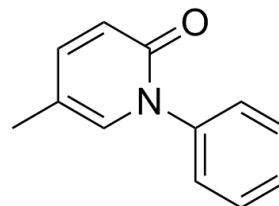
Cat No. : M14890

CAS Number : 53179-13-8

Molecular Formula : C₁₂H₁₁NO

Formula Weight : 185.22

Chemical Name : 5-methyl-1-phenyl-2-(1H)-pyridone



Description : Pirfenidone is an inhibitor for TGF- β production and TGF- β stimulated collagen production, reduces production of TNF- α and IL-1 β , and also has anti-fibrotic and anti-inflammatory properties. Phase 3.

Pathway : TGF-beta/Smad

Target : TGFBR

Receptor : TGF β 2

Solubility : Ethanol: 37 mg/mL (199.76 mM); DMSO: 37 mg/mL (199.76 mM)

SMILES : O=C1C=CC(C)=CN1C2=CC=CC=C2

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Nakazato H, et al. Eur J Pharmacol, 2002, 446(1-3), 177-185.