

Title (en)

AN IMPROVED METHOD FOR THE SYNTHESIS AND PURIFICATION OF PIRFENIDONE

Title (de)

VERBESSERTES VERFAHREN FÜR DIE SYNTHESE UND REINIGUNG VON PIRFENIDON

Title (fr)

PROCÉDÉ AMÉLIORÉ DE SYNTHÈSE ET DE PURIFICATION DE PIRFÉNIDONE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2016122420A1] The present invention provides a process for the synthesis of pirferidone by reacting 5-methyl-2-pyridone with a low quantity of bromobenzene in a low quantity of polar aprotic solvent in the presence of a copper catalyst and a base. The present invention also provides a method for purification of pirfenidone by initially synthesizing an acid adduct of pirfenidone from crude pirfenidone and then recovering pirfenidone with increased purity.

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