

RESEARCH PAPERS

环丙沙星合成的新方法

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收稿日期 修回日期 网络版发布日期 接受日期

摘要 A new synthetic method of ciprofloxacin is started with 2,4-dichloro-5-fluoroacetophenone, via oxalation, ethoxymethylenation, amination, cyclization, hydrolysis, decarbonylation and piperazination. The reaction temperature is moderate and the operation is easily controlled. Additional four new compounds are prepared by the method.

关键词 [ciprofloxacin](#) [synthesis](#) [quinolone](#)

分类号

DOI:

New Synthetic Method of Ciprofloxacin

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Received Revised Online Accepted

Abstract A new synthetic method of ciprofloxacin is started with 2,4-dichloro-5-fluoroacetophenone, via oxalation, ethoxymethylenation, amination, cyclization, hydrolysis, decarbonylation and piperazination. The reaction temperature is moderate and the operation is easily controlled. Additional four new compounds are prepared by the method.

Key words [ciprofloxacin](#); [synthesis](#); [quinolone](#)

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