

Title (en)

PROCESS FOR MAKING DIHYDROPYRIMIDINONES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON DIHYDROPYRIMIDONEN

Title (fr)

PROCEDE RELATIF A LA FABRICATION DE DIHYDROPYRIMIDINONES

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Abstract (en)

[origin: WO9721687A1] The present invention provides a process for forming 5-(alkyl or alkoxy)carbonyl-6-alkyl-4-(aryl or alkyl)-3,4,2(1H)-dihydropyrimidinones by combining a beta -keto ester or diketone, an aldehyde and urea in the presence of a boron reagent, a metal salt (e.g., Cu₂O) and a catalyst (e.g., acid). The reaction is typically run in one pot in a solvent to afford dihydropyrimidinones in higher yields and with easier work up than previously known methods.

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