



One Pot Synthesis and Antimicrobial Activity of 1, 3, 6-Trisubstituted Pyrimidine-2, 4-diones Catalyzed by TsOH

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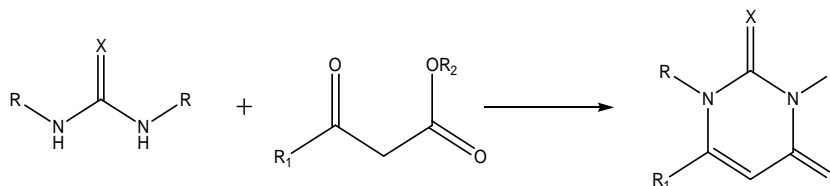
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ABSTRACT

TsOH catalyzes the rapid synthesis of 1,3,6-Trisubstituted pyrimidine-2,4-dione uracils by condensation of symmetrically disubstituted urea's with betaketoesters in dry media.

Graphical abstract



Keywords: TsOH, 1,3,6-Trisubstituted pyrimidine-2,4-diones, 1,3,6-trisubstituted uracils, methyl acetoacetate, ethylbenzoylacetate, solvent-free synthesis, dry media, rapid synthesis, closed Teflon vessel.
