



Synthesis of Tetraketones from 5,5-Dimethylcyclohexane-1,3-Dione And Arylaldehydes in Aqueous Medium in Presence of Alanine

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ABSTRACT

A simple and ecofriendly method has been developed for the synthesis of tetraketones from 5,5-Dimethylcyclohexane-1,3-dione and aromatic aldehydes using alanine as a catalyst in an aqueous medium at room temperature in good to excellent yields.

Keywords: 5,5-dimethylcyclohexane-1,3-dione, Arylmethylene[bis(5,5-dimethyl-3-hydroxy-2-cyclohexane -1-ones)], alanine.
