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Research Details:

Research Title : Stereoselective crossed-aldol condensation of hetarylmethyl

ketones with aromatic aldehydes in water

Stereoselective crossed-aldol condensation of hetarylmethyl

ketones with aromatic aldehydes in water

Description : Abstract: Aldol condensation of 2-acetylthiophene, 2-acetylpyrrole

and 2-acetylpyridine with different aromatic aldehydes were carried out in water in heterogeneous phases in the presence of cetyltrimethylammonium bromide as cationic surfactant at room temperature. All the reactions occur in a short time with excellent

yields of steroselective hetarylpropanones in water as

environmental friendly solvent.

Research Type : Article Research Year : 2005

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