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## Research Details:

Research Title : Stereoselective crossed-aldol condensation of hetarylmethyl

ketones with aromatic aldehydes in water

<u>Stereoselective crossed-aldol condensation of hetarylmethyl</u>

ketones with aromatic aldehydes in water

Description : 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

Publisher : BULLETIN OF THE KOREAN CHEMICAL SOCIETY Volume: 26 Issue:

11 Pages: 1677-1681

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