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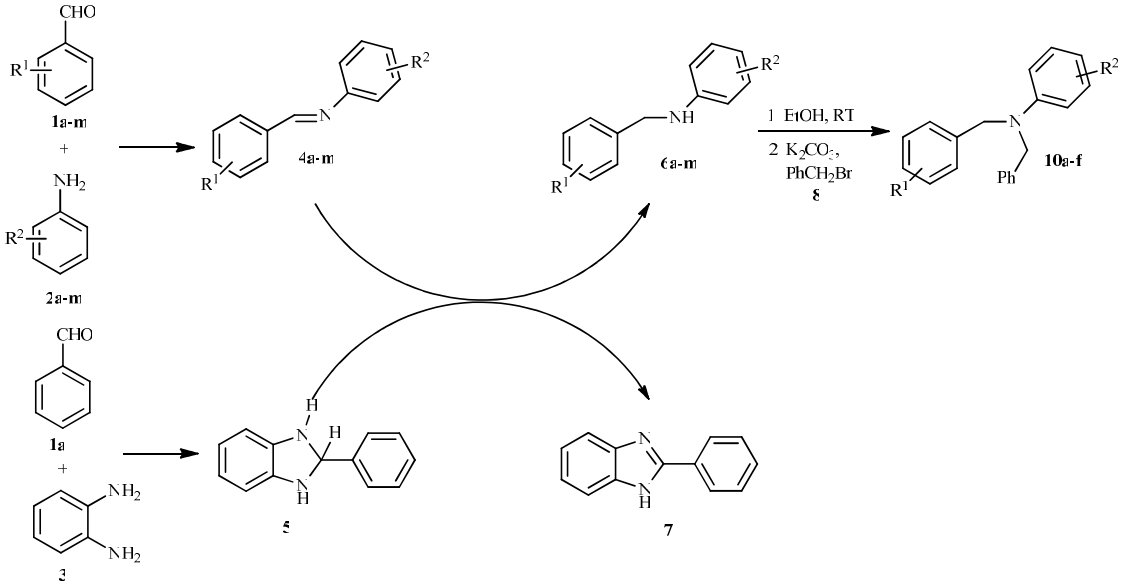

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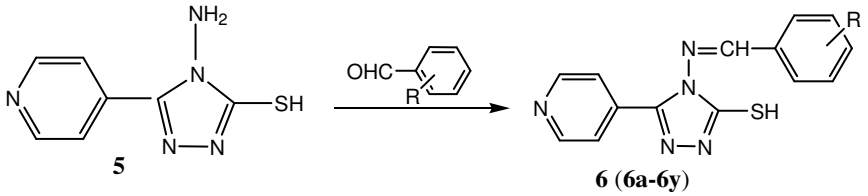

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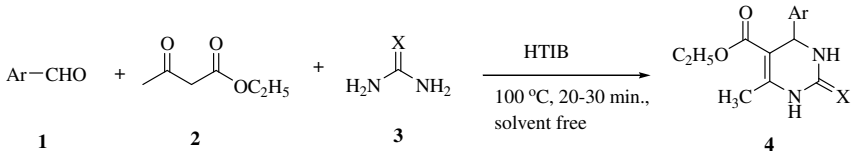
Notes

1275 Hypervalent iodine(III) reagent in the solid-state synthesis of 3,4-dihydropyrimidin-2(1*H*)-ones

The hypervalent iodine reagent, [hydroxy(tosyloxy)iodo]benzene has been employed in the solvent-free synthesis of 3,4-dihydropyrimidin-2(1*H*)-ones. The procedural development allows the preparation of a wide variety of substituted dihydropyrimidinones/thiones in good yields without using any solvent.



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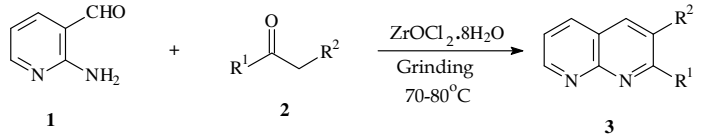
1280 $ZrOCl_2.8H_2O$ catalyzed solvent-free Friedlander synthesis of 1,8-naphthyridines

$ZrOCl_2.8H_2O$ catalyzed Friedlander condensation of 2-amino-nicotinaldehyde **1** with carbonyl compounds containing α-methylene group **2** has been achieved in solvent-free grinding conditions to give 1,8-naphthyridines **3**. The yields are very good and purity is excellent. The method is preparatively convenient and useful.



1 2 3

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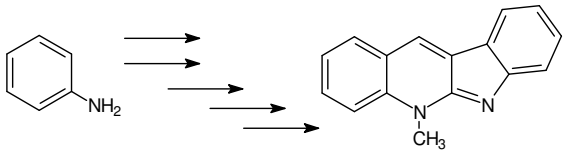
1283 An elegant synthesis of indoloquinoline alkaloid cryptotackieine *via* Vilsmeier-Haack approach

An exclusive approach towards the synthesis of indoloquinoline alkaloid cryptotackiene has been illustrated. Primary starting materials with an established procedure like Vilsmeier-Haack cyclization are used followed by nucleophilic azidation, intramolecular cyclization and a selective methylation to achieve the target.



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