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Graphical Abstracts

Manganese (II) chloride tetrahydrate: An efficient and environmentally pp 1553-1557 benign nature catalyst for the synthesis of substituted dihydro-2-oxypyrroles at ambient temperature

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Beyond the reaction pathways of *ortho*-phenylene diamine and pp 1559-1564 thiosemicarbazide

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Reactions of 2-amino-5-arylazopyrimidine derivatives and phenyl isocyanate

pp 1565-1569

Hassan Kabirifard^{*} and Zeinab Hajimohammadali

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Starch solution as a green and biodegradable catalyst for the synthesis of pp 1591-1595 dihydropyrano[2,3-c]pyrazole derivatives

Starch-sulfuric acid (0.1 g)

20-30 min.

1-15

88-96%

Mehrnoosh Kangani, Nourallah Hazeri* and Malek-Taher Maghsoodlou

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A DFT study on comparison of Terpyrrole, Terthiophene, and Dianiline for pp 1597-1603 adsorption of nitrous oxide to chose the best polymeric sensor

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Synthesis of novel pyrimidines, pyrimidopyrimidines and their oxygen substituted hydroxylamine derivatives as potential pharmacological interest

pp 1605-1612

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One pot three component synthesis of new amino furanyl derivatives via reaction of maleic anhydride, activated acetylenes and primary amine

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