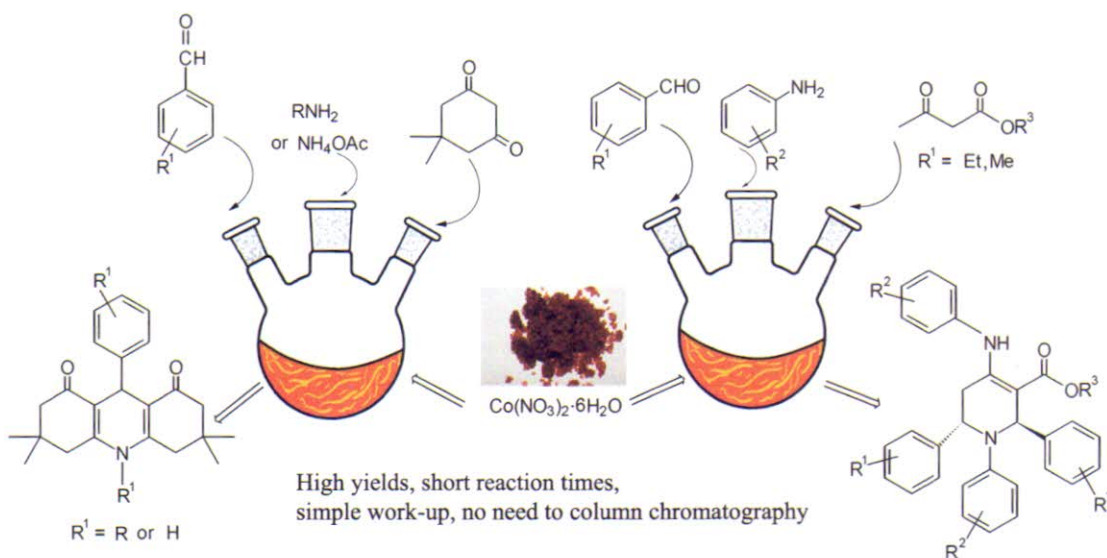


663 Cobalt (II) nitrate hexahydrate, as an efficient catalyst for the synthesis of highly substituted piperidines and 1,8-dioxodecahydroacridine derivatives

A convenient and practical methodology for the one pot, five component synthesis of highly substituted piperidines has been developed *via* the condensation between arylaldehydes, amines and β -ketoesters in the presence of a catalytic amount of cobalt(II) nitrate hexahydrate at room temperature. In addition 1,8-dioxodecahydroacridine derivative has been synthesised *via* the reaction between arylaldehydes, amines/ammonium acetate and dimedone in the presence of cobalt(II) nitrate hexahydrate as an efficient catalyst.

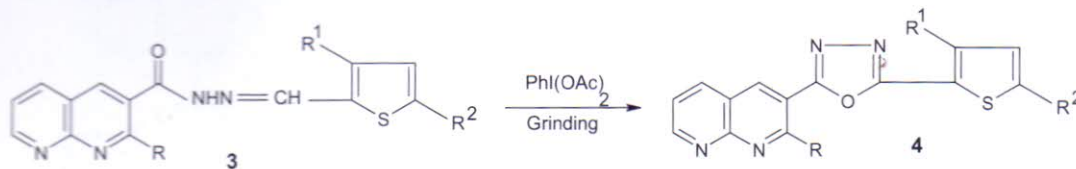


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670 Green synthesis, antibacterial and anti-inflammatory activities of 2-(2-substituted[1,8]naphthyridin-3-yl)-5-(substituted-2-thienyl)-1,3,4-oxadiazoles

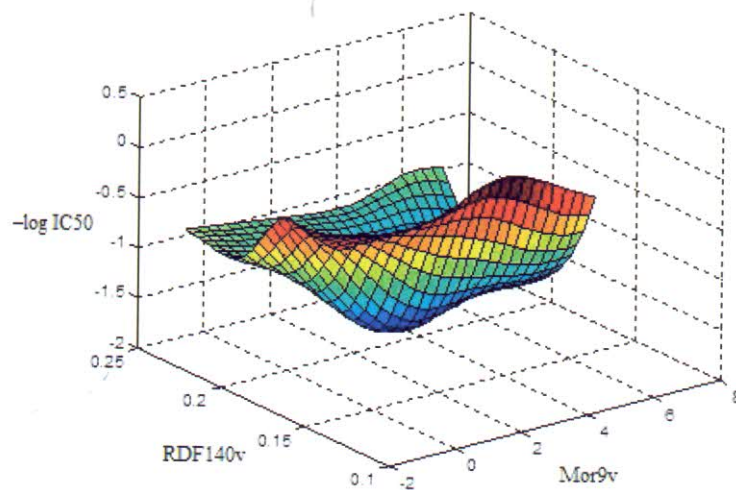
An efficient and mild method for the synthesis of 2-(2-substituted[1,8]naphthyridin-3-yl)-5-(substituted-2-thienyl)-1,3,4-oxadiazoles **4** is reported by the oxidation of the corresponding N³-[1-(substituted-2-thienyl) methylidene]-2-substituted[1,8]naphthyridine-3-carbohydrazides **3** with iodobenzene diacetate in solid state.



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- 677 **Linear and non-linear QSAR models on platinum (II) anticancer drugs with N-donor ligands**



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