



The New Synthetic Utility of PCM Drug for Metal Complexation

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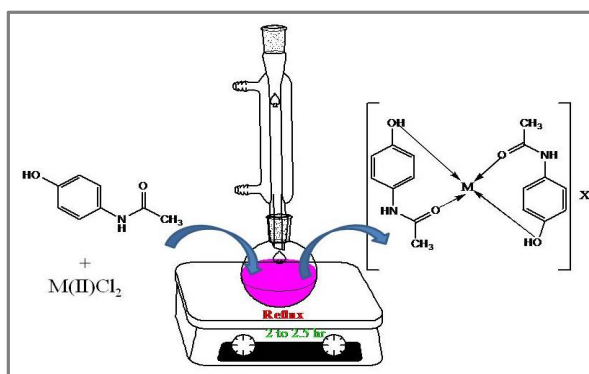
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ABSTRACT

Paracetamol (PCM) also known as Acetaminophen and *N*-(4-hydroxyphenyl) acetamide is a derivative of 4-aminophenol and is one of the most frequently commercialized antipyretic and analgesic drug. Here, we have synthesized the PCM drug and elaborate its various synthetic utility towards the formation metal complexes by new modified method by using ethanolic HCl gave reaction rate faster than pervious known methods. The synthesized compounds were characterized by spectral analysis.

Graphical Abstract



Keywords: Paracetamol(PCM), Medicinal Chemistry, Metal Complexes, Bidentate Ligand.