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(57) Abstract :

The present invention of the application discloses the Synthesis of five novel compounds i.e. 2-(4,5-dimethyl-1-phenyl-1H-imidazol-2-yl) 6-methoxyphenol; 2-(4-bromophenyl)-4,5-dimethyl-1-phenyl-1H-imidazole; 2-(4-methoxyphenyl)-4,5-dimethyl-1-phenyl-1H-imidazole; 2-(4-chlorophenyl)-4, 5-dimethyl-1-phenyl-1H-imidazole and 4,5-dimethyl-2-(4-nitrophenyl)-1- phenyl-1H-imidazole by multiple component assembly process and evaluated the same for nootropics and anti-depressant activities

Figure 1 describes the IR Data Analysis of Compound 1

