



ChemTech

International Journal of ChemTech Research

CODEN(USA): IJCRGG, ISSN: 0974-4290, ISSN(Online):2455-9555
Vol.10 No.6, pp 305-310,2017

Microwave Assisted Synthesis an Approach to Green Chemistry

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Abstract: The interest in the microwave assisted organic synthesis has been growing during the recent years. Drug companies are exploiting microwave in the area of organic/pharmaceutical synthesis for drug screening and discovery. Microwave heating is also called as green chemistry and the development of cleaner technologies is a major emphasis in green chemistry. Among the several aspects of green chemistry, using efficient and less hazardous energy sources such as microwave energy is recommended. The aim of this review is to present microwave assisted synthesis with special emphasis on aspects that relevance to drug discovery.

Key words: Microwave assisted synthesis, Green chemistry, Drug Discovery.

H.U. Chikhale *et al*/International Journal of ChemTech Research, 2017,10(6): 305-310.
