



# A One-Pot Microwave Irradiation Synthesis of Pyrimido[1,2-A]Benzimidazoles

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## ABSTRACT:

Synthesis of a series of pyrimido[1,2-a]benzimidazoles (**4a-j**) was achieved from different Acetoacetamides, 3,4,5-dimethoxybenzaldehyde and 2-Aminobenzimidazole using microwave irradiation within 10 minutes with high yield. The structures of the products were supported by FTIR, PMR and mass spectral data. Pyrimido[1,2-a]benzimidazoles; Acetoacetamides; 2-Aminobenzimidazole, microwave irradiation.