

Solvent-Free Synthesis of 2,4,6-Triaryl Pyridines

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A modified method to prepare 1,3,5-triarylpyridines by a [3+2+1] ring annulation reaction is described. Three-component condensation of neat reactants when subjected to microwaves afforded the required product in shorter reaction time with higher yield in comparison to conventional methodologies. The microwave accelerated reaction technique without external solvent renders the whole synthesis into a truly ecofriendly protocol.

Key words: Pyridine, Microwaves, Environmentally Benign