

Microwave assisted IMDAF reaction: Microwave irradiation applied with success to cycloaddition reaction of N-propargyl-N-p-tolyl-N-2-furfurylamines	Ana Dunja Mance & Kresimir Jakopcic	2005	Molecular Diversity (2005) 9: 229-232	diels-alder, furan, intramolecular, alkynylarylfurfurylamine, epoxyisoindoline, simultaneous cooling-irradiation
Microwave-Assisted Synthesis of N,N'-Diaryl Cyanoguanidines	Sean K. Hamilton, Doug E. Wilkinson, Gregory S. Hamilton, and Yong-Qian Wu	2005	Org. Lett., Vol. 7, No. 12, 2005, 2429-2431	cyanoguanidine, thiourea
Rapid synthesis of α-ketoamides using microwave irradiation-simultaneous cooling method	Chen, JJ; Deshpande, SV	2003	Tetrahedron Lett., 2003, 44, 8873-76	ketoamides, acyl chloride, isonitrile, condensation, simultaneous cooling-irradiation, solvent-free
Intramolecular cyclization reactions of 5-halo- and 5-nitro-substituted furans	Crawford, KR; Bur, SK; Straub, CS; Padwa, A	2003	Org. Lett., 2003, 5, 3337-40	intramolecular cyclization, nitro substituted furans, pyridinone, simultaneous cooling-irradiation
Solid-supported cyclohexane-1,3-dione (CHD): a "capture and release" reagent for the synthesis of amides and novel scavenger resin	Humphrey, CE; Easson, MAM; Tierney, JP; Turner, NJ	2003	Org. Lett., 2003, 5, 849-52	amides, capture-release, acylation, solid phase synthesis, simultaneous irradiation cooling
Microwave-assisted saccharide coupling with n-pentenyl glycosyl donors	Mathew, F; Jayaprakash, KN; Fraser-Reid, B; Mathew, J; Scicinski, J	2003	Tetrahedron Lett., 2003, 44, 9051-54	carbohydrate; saccharide coupling, glycosides, simultaneous irradiation-cooling