

C-C bond formation

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Facile Carboethoxylation and Carbamoylation of Ketones. — A phase-transfer-catalyzed (PTC) sonochemical reaction is utilized. Without both PTC catalyst and ultrasound (US), no reaction occurs and when PTC or US are applied separately, the reaction rates are only slightly increased. With the synergistic effect of both PTC and US, even a terpenoid ketone such as camphor is readily carboethoxylated in comparable yield. — (PAZDERA*, P.; SIMBERA, J.; *Org. Prep. Proced. Int.* 43 (2011) 3, 297-301, <http://dx.doi.org/10.1080/00304948.2011.582002>; Dep. Chem., Fac. Sci., Masaryk Univ., CZ-611 37 Brno, Czech Republic; Eng.) — H. Haber

