

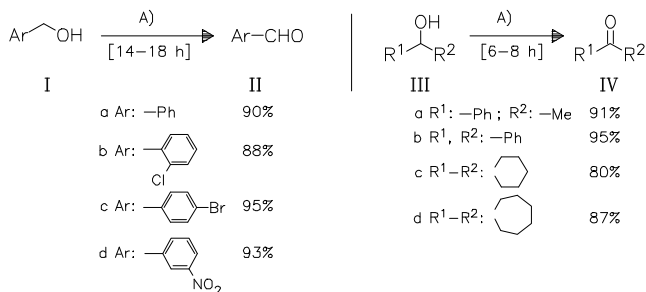
Oxidation

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**Green Bromine: In situ Generated Catalyst for the Selective Oxidation of Alcohols Using H<sub>2</sub>O<sub>2</sub> as a Benign Oxidant.** — Under acid activation, a 5:1 NaBr/NaBrO<sub>3</sub> mixture in situ generates Br<sub>2</sub>/BrOH species which catalyze the oxidation of benzylic/secondary alcohols by H<sub>2</sub>O<sub>2</sub> to the corresponding aldehydes/ketones. — (JOSHI, G.; PATIL, R. D.; ADIMURTHY\*, S.; RSC Adv. 2 (2012) 6, 2235-2239, <http://dx.doi.org/10.1039/c2ra20073b>; Anal. Sci. Div., Cent. Salt Mar. Chem. Res. Inst., Bhavnagar 364 002, India; Eng.) — Klein



A): 1.2 equiv. H<sub>2</sub>O<sub>2</sub>, NaBr/NaBrO<sub>3</sub>/H<sub>2</sub>SO<sub>4</sub> (cat.), dioxane, H<sub>2</sub>O, 25°C

