## Anodic Fluorination of 4-Methoxy-1-naphthol and 4-Nitroanisole Using Et<sub>3</sub>N·5HF in Mixed Nonaqueous Solvent

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Abstract—Anodic fluorination of 4-methoxy-1-naphthol and 4-nitroanisole has been investigated in a mixed nonaqueous solvent using  $Et_3N\cdot 5HF$  as supporting electrolyte as well as fluorine source. In order to avoid the formation of polymer on the anode, pulse electrolysis was carried out without exchanging the electrodes. The proposed procedure ensures excellent yield at room temperature, shortest reaction time, and easy work-up which provide additional advantages in the context of green chemistry. Experimental parameters of the reaction are discussed.

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