Electronic supplementary information for:

Electrocarboxylation of 1-chloro-(4-isobutylphenyl)ethane
with a silver cathode in ionic liquids: an environmentally
benign and efficient way to synthetize Ibuprofen

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1. Experimental Set-up

Electrochemical Set-up available in our laboratory to perform the electrochemical experiments with CO$_2$ (CO$_2$ cylinder, mass flow meter, electrochemical cell and electrodes).