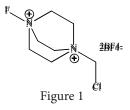
European Chemistry Congress

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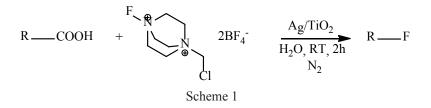
Decarboxylative fluorination of carboxylic acids with heterogeneous catalysts

Giulia Tarantino Cardiff University, UK

F-TEDA (SELECTFLUOR, Figure 1) giving new C(sp3)-F and C(sp2)-F bonds. However, many of these methods require stoichiometric metal loadings, and heterogeneous catalysts –typically preferred for several process intensification reasons – are rarely employed. In this context, supported Ag supported nanopaticles on titania have been prepared and, for the first time, effectively employed for decarboxylative fluorination of aliphatic carboxylic acids (scheme 1).



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Biography

Giulia Tarantino is a second year PhD student. She has joined Hammond Research Group at Cardiff University last year in January 2015.

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Notes: