



Direct Amidation of carboxylic acids using a Borate Ester

Questions

1. Thinking of the other parameters discussed earlier (i.e. solvents; waste; energy; health and safety; work-up and isolation; catalysts; elemental sustainability):
 - a. Can you identify any 'hot-spots' or potential issues with the reaction?
 - b. Where is the reaction performing well in terms of its 'green credentials'?
2. What other factors would you need to consider in order to assess the overall greenness of the reaction?
3. Which areas would you target to further improve the green credentials of this research?

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