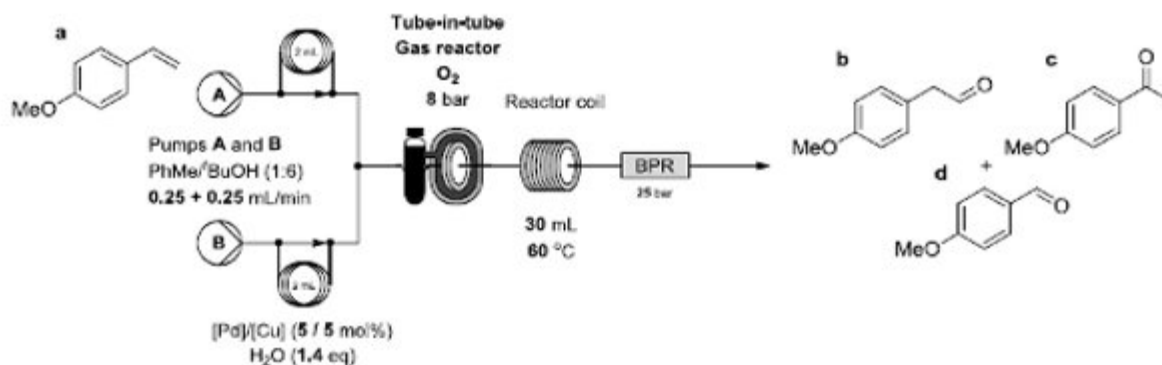


Publication 49: A Continuous Flow Aerobic Anti-Markovnikov Wacker Oxidation



An aerobic anti-Markovnikov Wacker oxidation for the flow-synthesis of arylacetaldehydes is reported.

In the process, flow chemistry techniques have provided a means to control and minimise the over-oxidation of sensitive products.

The reaction showed general applicability to various functionalised styrenes and provided a process capable of a multi-gram scale.

[S. L. Bourne, S. V. Ley, *Adv. Synth. Cat.*, 2013, 10, 1905–1910.](#)