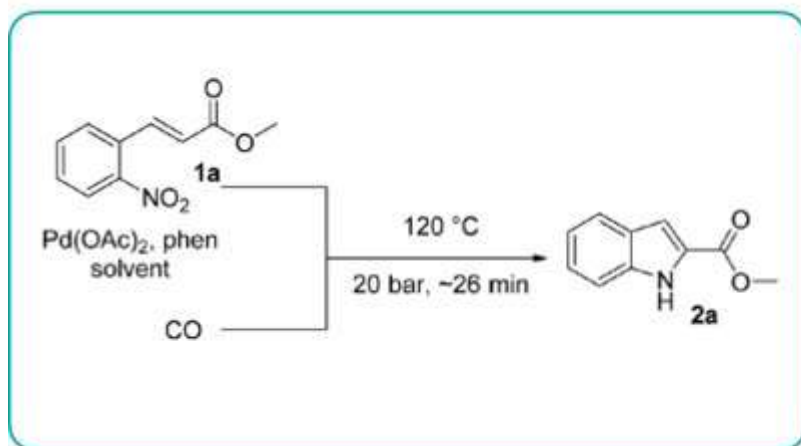


Publication 61: Continuous Flow Synthesis of Indoles by Pd-Mediated Reduction of o-Nitrostilbenes with Carbon Monoxide



The Pd-mediated reduction of o-nitrostilbenes in the presence of carbon monoxide is reported to proceed regioselectively under pressurised flow-through conditions to cleanly afford indoles.

A variety of substrates are tolerated and the reaction proceeds significantly faster than in batch and produces carbon dioxide as the only stoichiometric side-product.

[G. Glotz, B. Gutmann, P. Hanselmann, A. Kulesza, D. Roberge*, C. O. Kappe, RSC Adv., 2017, 7, 10469](#)