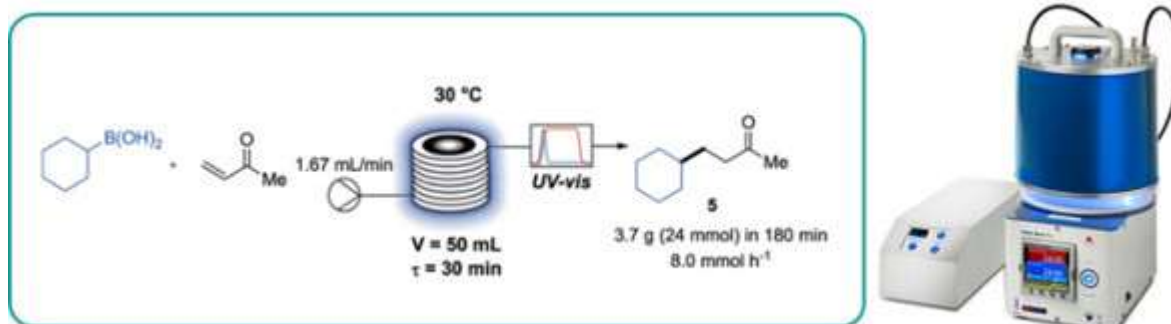


Publication 62: Organic Photocatalysis for the Radical Couplings of Boronic Acid Derivatives in Batch and Flow



An acridium-based organic photocatalyst is reported to be an efficient replacement for iridium-based photocatalysts to oxidise boronic acid derivatives by a single electron process.

This was exemplified by the synthesis of four active pharmaceutical ingredients (APIs).

A straightforward scale up approach using continuous flow photoreactors is also reported affording gram an hour throughput.

The Asynt Flow-UV inline spectrometer was utilised to conveniently monitor steady state.

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