Continuous flow Buchwald-Hartwig amination of a pharmaceutical intermediate

Polina Yaseneva,¹ Paul Hodgson,¹ Jacek Zakrzewski,¹ Sebastian Falß,² Rebecca A. Meadows,³ Alexei A. Lapkin¹*

¹ Department of Chemical Engineering and Biotechnology, University of Cambridge, Cambridge CB2 3RA, United Kingdom
² INVITE GmbH, Chempark Leverkusen, 51373 Leverkusen, Germany
³ Pharmaceutical Development, AstraZeneca, Silk Road Business Park, Macclesfield SK10 2NA, United Kingdom

Supporting Information

Figure S1. Schematic diagram of the flow and catalyst recycling experimental system.

* Corresponding author. Email: aal35@cam.ac.uk; Fax: +44 1223 334796.
Figure S2. Schematic diagram of the flow pilot reactor constructed at INVITE.

Figure S3. Chemical trees for synthesis of the two catalysts studied.