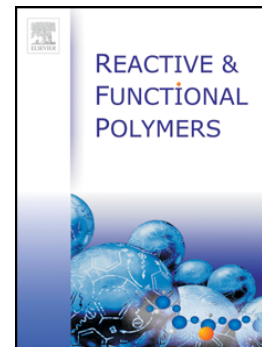


Scalable $\text{[INS][S]-}\zeta\text{s[INS]-}\zeta$ ynthesis of $\text{[INS][M]-}\zeta\text{m[INS]-}\zeta$ ulticolour $\text{[INS][C]-}\zeta\text{c[INS]-}\zeta$ onjugated $\text{[INS][P]-}\zeta\text{p[INS]-}\zeta$ olymer $\text{[INS][N]-}\zeta\text{n[INS]-}\zeta$ anoparticles via Suzuki-Miyaura $\text{[INS][P]-}\zeta\text{p[INS]-}\zeta$ olymerisation in a $\text{[INS][M]-}\zeta\text{m[INS]-}\zeta$ iniemulsion and $\text{[INS][A]-}\zeta\text{a[INS]-}\zeta$ pplication in $\text{[INS][B]-}\zeta\text{b[INS]-}\zeta$ ioimaging



PII: S1381-5148(16)30166-3
 DOI: doi: [10.1016/j.reactfunctpolym.2016.08.006](https://doi.org/10.1016/j.reactfunctpolym.2016.08.006)
 Reference: REACT 3743

Received date: 22 June 2016
Revised date: 19 August 2016
Accepted date: 22 August 2016

Please cite this article as: Jonathan M. Behrendt, Jair A. Esquivel Guzman, Laura Purdie, Helen Willcock, John J. Morrison, Andrew B. Foster, Rachel K. O'Reilly, Mark C. McCairn, Michael L. Turner, Scalable [INS][S]-[INS]- synthesis of [INS][M]-[INS]- multicolour [INS][C]-[INS]- conjugated [INS][P]-[INS]- polymer [INS][N]-[INS]- nanoparticles via Suzuki-Miyaura [INS][P]-[INS]- polymerisation in a [INS][M]-[INS]- emulsion and [INS][A]-[INS]- application in [INS][B]-[INS]- bioimaging, (2016), doi:
[10.1016/j.reactfunctpolym.2016.08.006](https://doi.org/10.1016/j.reactfunctpolym.2016.08.006)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Scalable Synthesis of Multicolour Conjugated Polymer Nanoparticles via Suzuki-Miyaura Polymerisation in a Miniemulsion and Application in Bioimaging

Jonathan M. Behrendt^{a, 1}, Jair A. Esquivel Guzman^a, Laura Purdie^b, Helen Willcock^{c, 2}, John J. Morrison^a, Andrew B. Foster^a, Rachel K. O'Reilly^c, Mark C. McCairn^a, Michael L. Turner^{a*}

^a School of Chemistry, University of Manchester, Oxford Road, Manchester, M13 9PL, U.K.

^b School of Pharmacy, University of Nottingham, University Park, Nottingham, NG7 2RD, U.K.

^c Department of Chemistry, University of Warwick, Gibbet Hill, Coventry, CV4 7AL, U.K.

Corresponding Author

* University of Manchester. Oxford Road, Manchester M13 9PL, UK. Email: michael.turner@manchester.ac.uk Fax: +44(0)1612754273; Tel: +44(0)1612754625.

Present Addresses

¹ (J.M.B.) Cambridge Display Technology, Unit 12, Cardinal Park, Cardinal Way, Godmanchester PE29 2XG, United Kingdom.

² (H.W.) Department of Materials, Loughborough University, Loughborough LE11 3TU, United Kingdom.

Download English Version:

<https://daneshyari.com/en/article/5209529>

Download Persian Version:

<https://daneshyari.com/article/5209529>

[Daneshyari.com](https://daneshyari.com)