Multi-component anion relay cascade of 1-acetylcyclopropanecarboxamides, aldehydes and acrylonitrile: access to bis-cyanoethylated furo[3,2-c]pyridinones

Shao Shaoxia Lin, Ying Wei, Fushun Liang, Baozhong Zhao, Yanling Liu and Pengjun Liu

a Department of Chemistry, Northeast Normal University, Changchun 130024, China. Email: liangfs112@nenu.edu.cn. Fax: (+86) 431-85099759

b College of Chemistry and Chemical Engineering, Hainan Normal University, Haikou 571158, China. Email: liupj12@126.com.

Supplementary information
Copies of $^1$H and $^{13}$C NMR spectra for compounds 3 and 4
Supplementary Material (ESI) for Organic & Biomolecular Chemistry
This journal is © The Royal Society of Chemistry 2012