

## Supporting Information

### **2 *N*-Alkylation / aldol reaction of $\alpha$ -aldimino thioesters: A facile three-component coupling reaction**

**Makoto Shimizu,<sup>[a,b]\*</sup> Asako Higashino,<sup>[b]</sup> Isao Mizota,<sup>[b]</sup> and Yusong Zhu<sup>[a]</sup>**

*<sup>[a]</sup>School of Energy Science and Engineering College, Nanjing Tech University,  
Nanjing 211816, Jiangsu Province, China*

*<sup>[b]</sup>Department of Chemistry for Materials, Graduate School of Engineering, Mie  
University, Tsu, Mie 514-8507, Japan*

**Copies of  $^1\text{H}$  NMR and  $^{13}\text{C}$  NMR spectra**























