Supporting Information

for

Ni nanoparticles on RGO as reusable heterogeneous catalyst: effect of Ni particle size and intermediate composite structures in C–S cross-coupling reaction

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¹H and ¹³C NMR spectra (scanned) for compounds 3a–p
Table 2; entry 1
Table 2; entry 2
Table 2; entry 3

![Chemical Structure](image)

**3c**
Table 2; entry 4
Table 2; entry 5
Table 2; entry 6
Table 2; entry 7

![Chemical Structures](image)

**Chemical Structures**

1. H₃C₆SH₃
2. H₃C₆SH₃
Table 2; entry 8
Table 2; entry 9
Table 2; entry 10
Table 2; entry 11

**Chemical Structure**

- Compound 3k

**NMR Spectra**

- 1H NMR (top)
- 13C NMR (bottom)
Table 2; entry 12
Table 2; entry 14

![NMR spectrum of compound 3m](image)

![NMR spectrum of compound 3m](image)
Table 2; entry 15
Table 2; entry 16
Table 2; entry 17