Electronic Supplemental Information (ESI) for:

One-pot Synthesis of New Thio-Derivatives of C$_{60}$ with the Unexpected Formation of a Thiazolidine-Fulleropyrrolidine

Chuanbao Chen,$^a$ Xiaofang Li,$^b$ and Shangfeng Yang* $^a$

$^a$ Hefei National Laboratory for Physical Sciences at Microscale, CAS Key Laboratory of Materials for Energy Conversion & Department of Materials Science and Engineering, University of Science and Technology of China (USTC), Hefei 230026, China

$^b$ School of Chemistry and Chemical Engineering, Hunan University of Science and Technology, Xiangtan, Hunan 411201, China

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S1. Mass, $^1$H NMR, $^{13}$C NMR, FTIR, and UV-Vis spectra of compound 3

![Mass spectrum of compound 3](image1)

**Fig. S1** Positive ion laser desorption time-of-flight (LD-TOF) mass spectrum of compound 3.

![NMR spectrum of compound 3](image2)

**Fig. S2** The $^1$H NMR spectrum of compound 3 in CS$_2$/CDCl$_3$. The asterisks represent solvent lines.
**Fig. S3** UV-vis spectra of compounds 3 (a), 6 (b), 8 (c), 10 (d), 12 (e). Inset: enlarged spectral range of 400-750 nm.

**Fig. S4** FTIR spectra of compounds 3 (a), 6 (b), 8 (c), 10 (d), 12 (e).
S2. The spectroscopic data of compounds 6 and 8.

**Fig. S5** The $^1$H NMR spectrum of compound 6 in CS$_2$/CDCl$_3$. The asterisks represent solvent lines.

**Fig. S6** The $^{13}$C NMR spectrum of compound 6 in CS$_2$/CDCl$_3$. The asterisks represent solvent lines.
Fig. S7 Positive ion laser desorption time-of-flight (LD-TOF) mass spectrum of compound 8.

Fig. S8 The $^1$H NMR spectrum of compound 8 in CS$_2$/CDCl$_3$. The asterisks represent solvent lines.
Fig. S9 The $^{13}$C NMR spectrum of compound 8 in CS$_2$/CDCl$_3$. The asterisks represent solvent lines.

Fig. S10 The HSQC spectrum of the compound 8.
S3. The spectroscopic data of compounds 10 and 12

**Fig. S11** The $^1$H NMR spectrum of compound 10 in CS$_2$/CDCl$_3$.

**Fig. S12** The $^{13}$C NMR spectrum of compound 10 in CS$_2$/CDCl$_3$. The asterisk represents the impurity from the solvent.
Fig. S13 The $^1$H NMR spectrum of compound 12 in CS$_2$/CDCl$_3$. The asterisks represent the impurities from the solvent.

Fig. S14 The $^{13}$C NMR spectrum of compound 12 in CS$_2$/CDCl$_3$. The asterisks represent solvent lines.