Supporting Information

**Acceleration of Tri-Addition to [70]Fullerene by “Nanom Black”
Fullerene Soot**

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1. Magnified HR-TEM Images for Nanom Black

(a)

(b)

Figure S1. Magnified HR-TEM images for Nanom Black. (a) Wider area. (b) Closer area.

2. X-ray Diffraction Pattern for Nanom Black

(a)

(b)

Figure S2. XRD patterns for Nanom Black. (a) XRD pattern for Nanom Black. (b) Comparison with XRD pattern for carbon black (green line).

3. Raman Spectra for Nanom Black

(a)

(b)

Figure 3. Raman Spectra for Nanom Black. (a) Raman Spectrum for Nanom Black. (b) Comparison of Raman Spectra for Nanom Black (blue line) and carbon black (purple line).