

Figure 1: EXAFS data (top $\chi(k)$, center Re $\{\chi(R)\}$, bottom $\chi(R)$) and fit (grey line), for Ph₂C₄Te (black, left) and the lithiated mixture (red, right) described in the text. The fit for Ph₂C₄Te includes scattering paths from two acetylene groups and four multiple scattering paths. The σ^2 values from the Ph₂C₄Te fit was was used as a basis for fitting the Li-containing material.

Supplementary Material