Supplementary Materials

1. A Model for Coiling of the Thin Layer Film

**Figure S1.** Formation of a paper string from a paper ribbon.
H and C NMR Spectra of 3 in Acetone-d₆
$^1$H and $^{13}$C NMR Spectra of 8 in CDCl$_3$
$^1 \text{H}$ and $^{13} \text{C}$ NMR Spectra of 9 in DMSO-$d_6$
^1H and \(^{13}C\) NMR Spectra of \(^{BOC}\)NID in CDCl\(_3\)
$^1H$ and $^{13}C$ NMR Spectra of NID in DMSO-$d_6$