

Supporting Information

**Dynamically Stable Helices of Poly(*N*-propargylamides)
with Bulky Aliphatic Groups**

Jianping Deng, Junichi Tabei, Masashi Shiotsuki, Fumio Sanda,^{*}

Toshio Masuda^{*}

Department of Polymer Chemistry, Graduate School of Engineering, Kyoto University,
Kyoto 615–8510, Japan

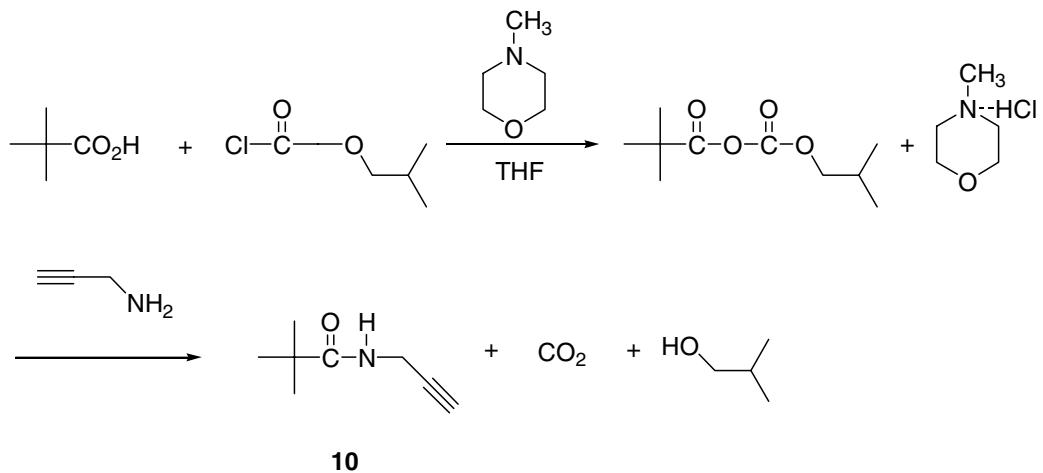
Table S1. Solubility of poly(9)–poly(13)^a

solvent ^b	poly(9)	poly(10)	poly(11)	poly(12)	poly(13)
CHCl ₃	□	□	○	○	□
CH ₂ Cl ₂	□	□	□	○	□
THF	□	□	□	○	□
toluene	✗	✗	□	○	✗
(CH ₂ Cl) ₂	✗	✗	□	□	✗
C ₆ H ₅ Cl	✗	✗	□	□	✗
<i>o</i> -C ₆ H ₄ Cl ₂	✗	✗	□	□	✗
DMF	✗	✗	✗	✗	✗
DMSO	✗	✗	✗	✗	✗
MeOH	✗	✗	✗	✗	✗

^a ○: soluble; □: partly soluble; ✗: insoluble; at room temperature. ^b THF:

tetrahydrofuran; DMF: *N,N*-dimethylformamide; DMSO: dimethyl sulfoxide; MeOH: methanol.

Scheme S1



Scheme S2

