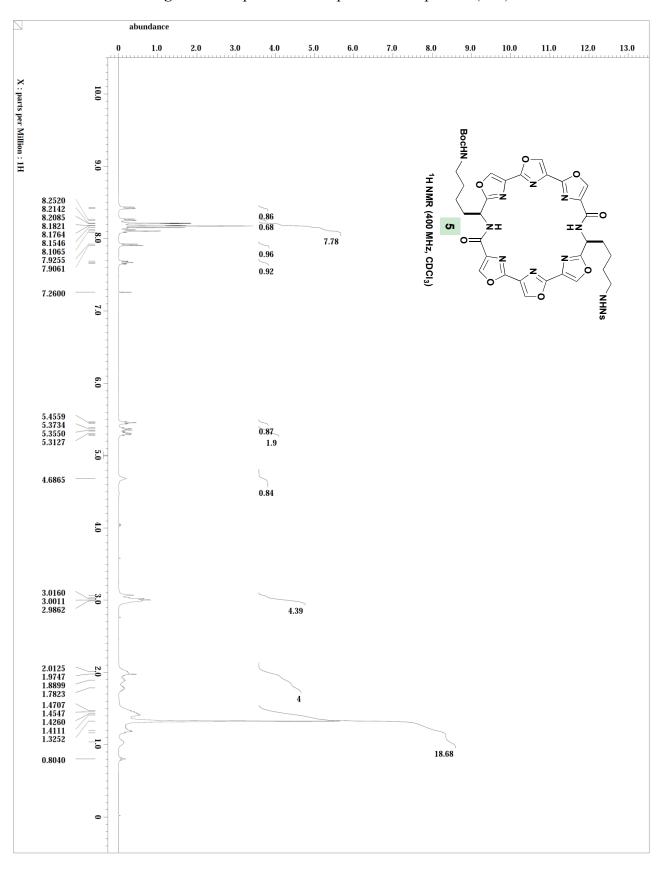
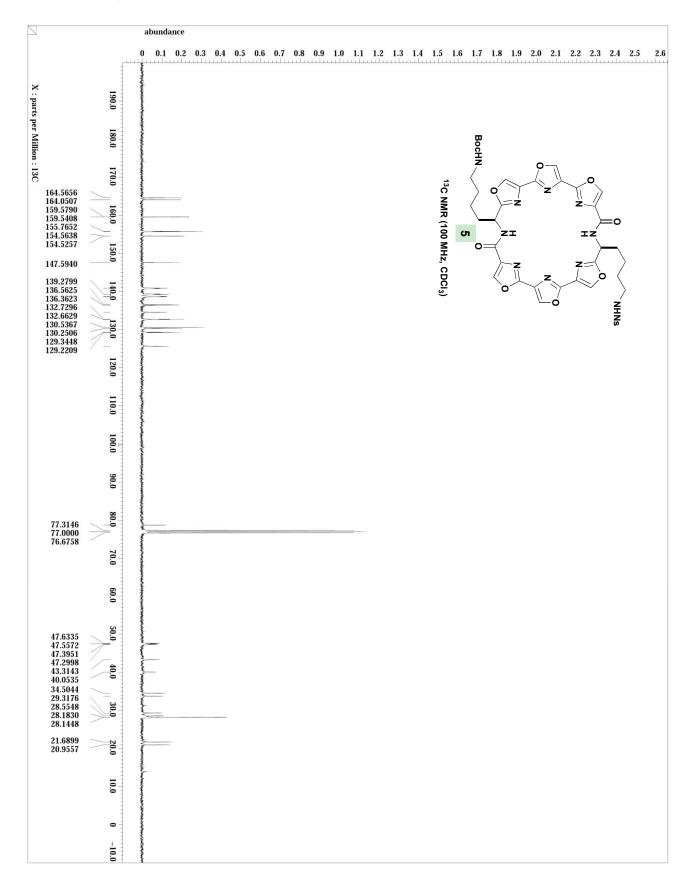
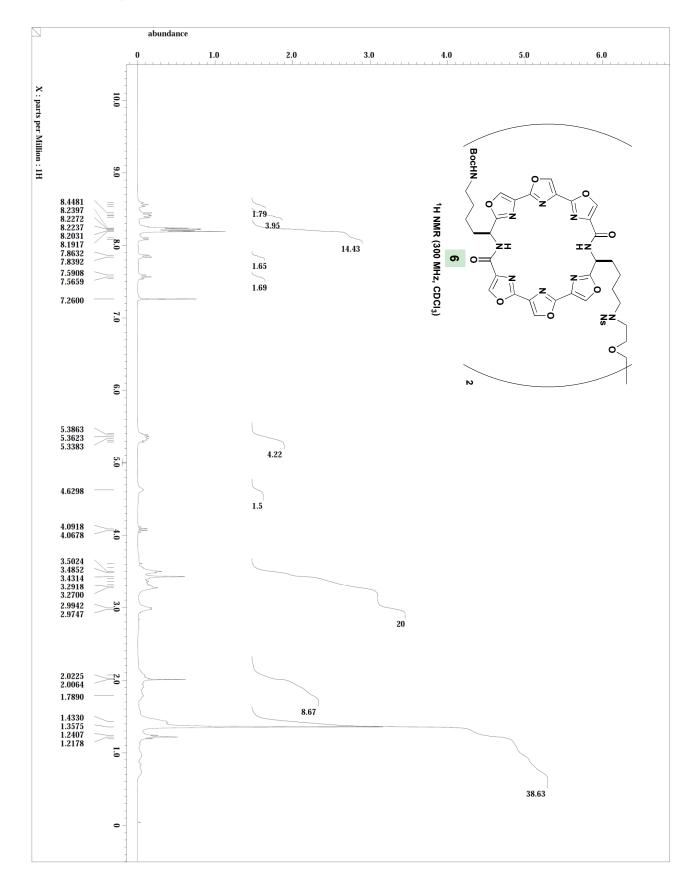
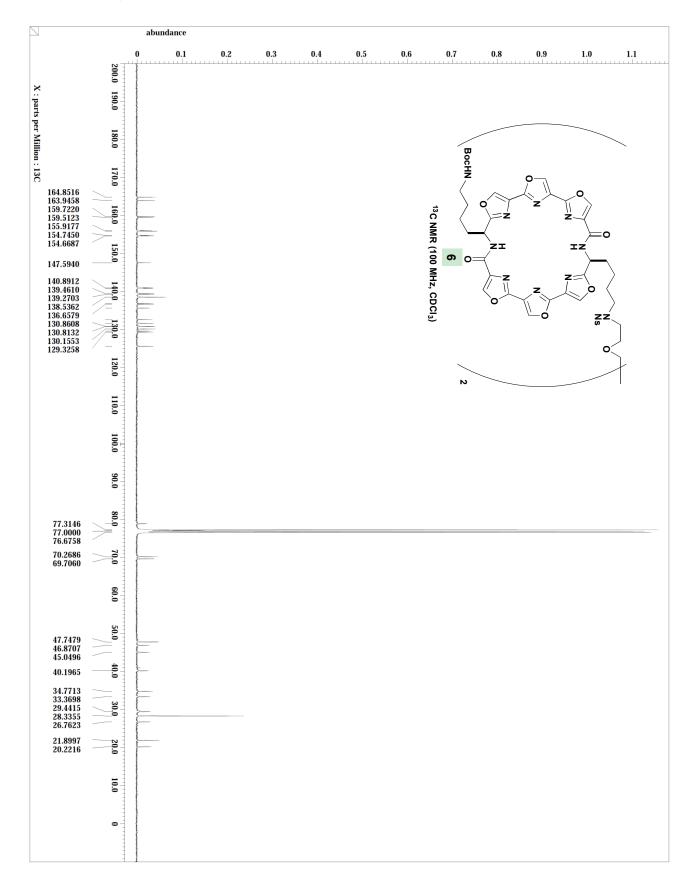
Supplementary Materials

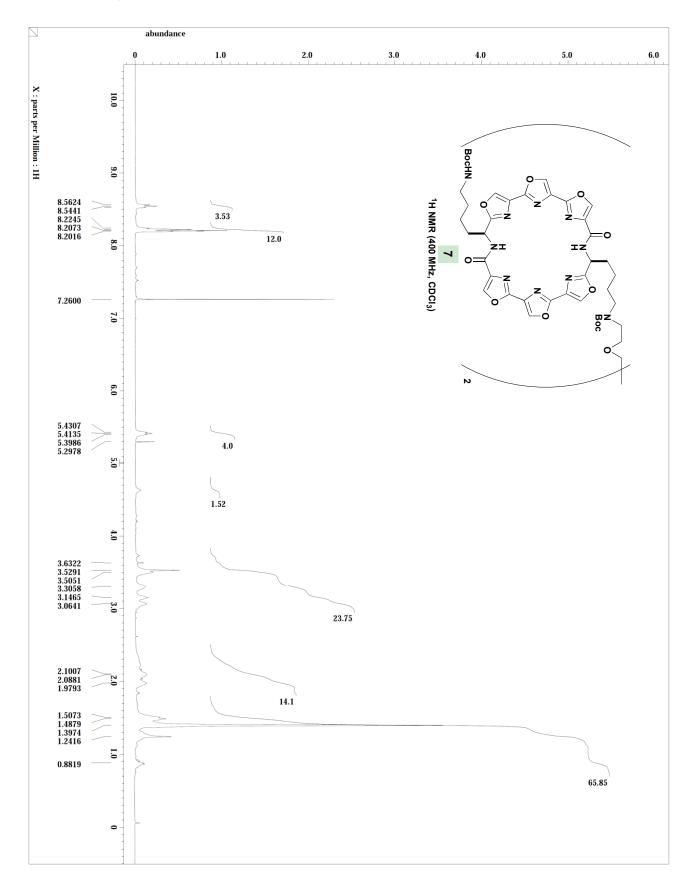
Figure S1. Copies of NMR spectra of compounds (3–7).

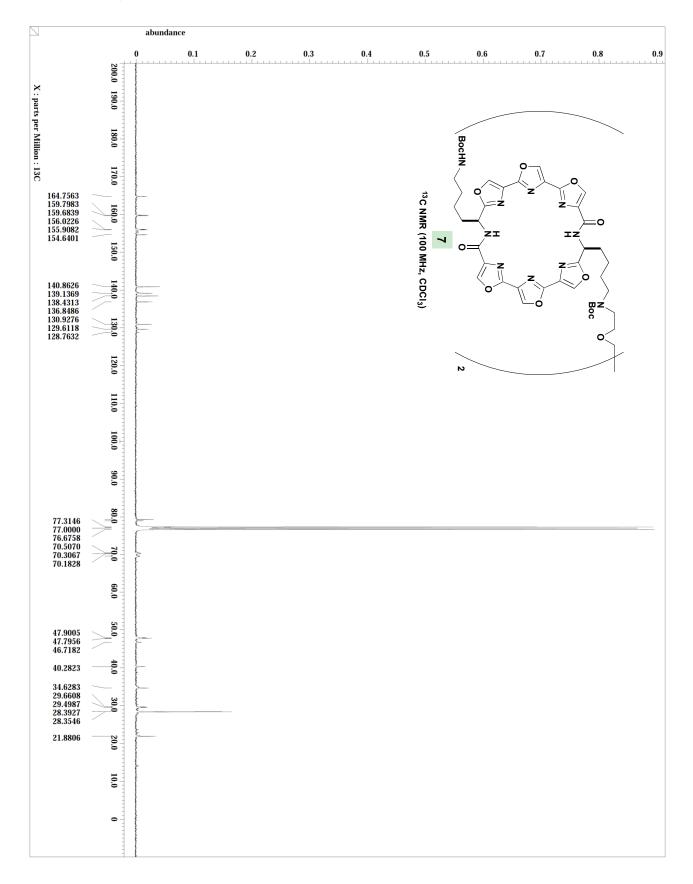


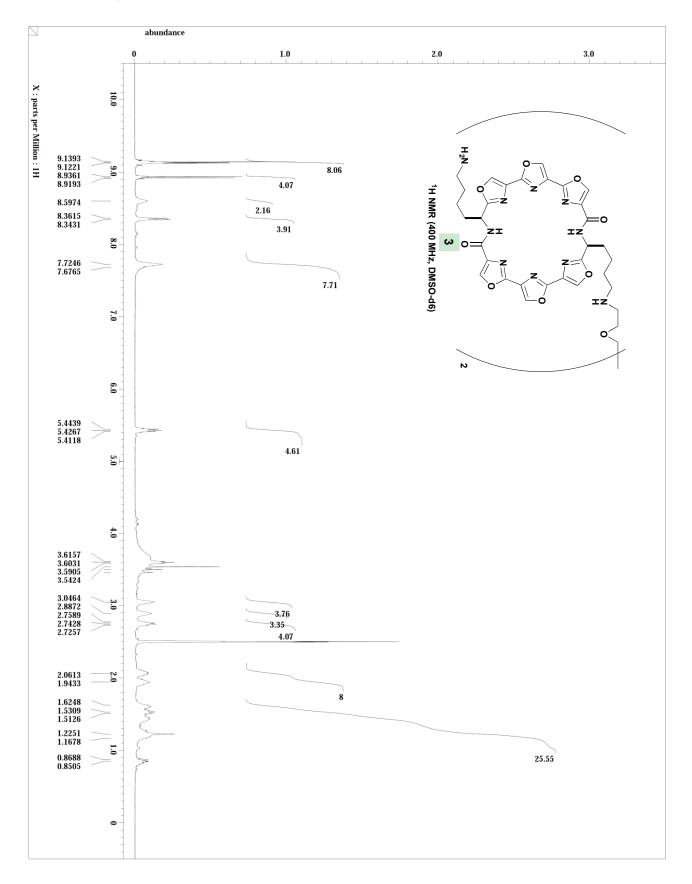


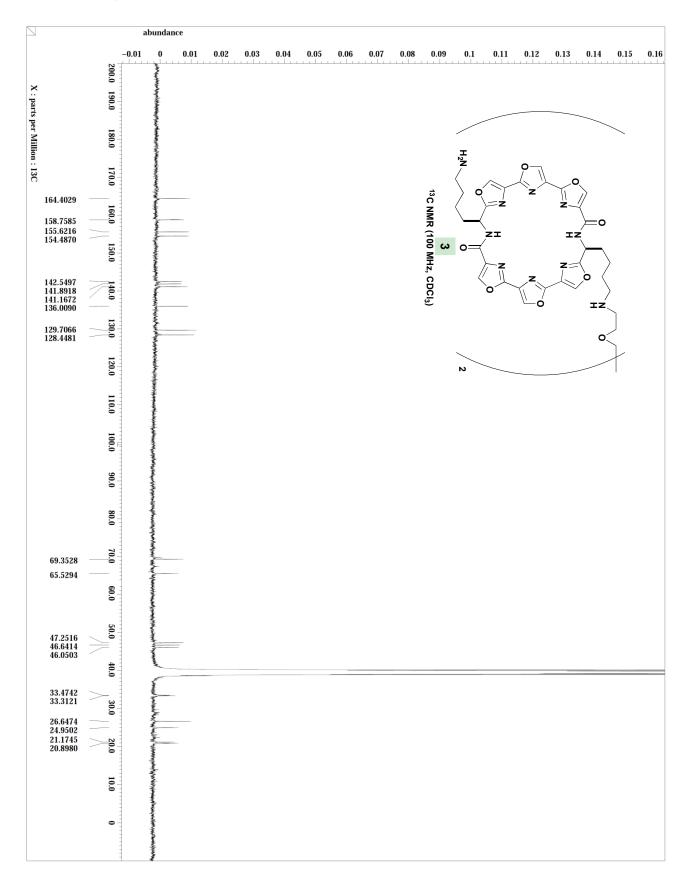








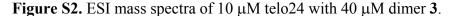


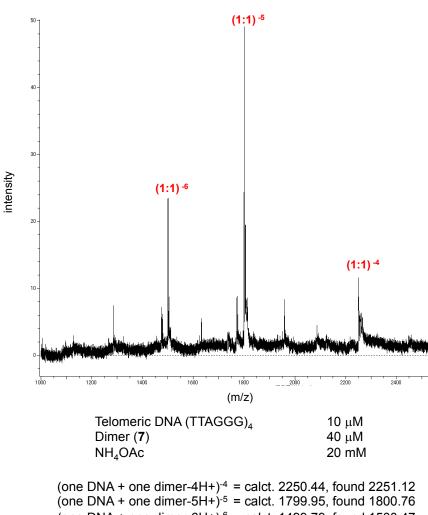


S9 Molecules 2013, 18

ESI-MS Spectrometry

All measurements were carried out on a JMS-T100LC AccuTOF (JEOL), using the electrospray ionization (ESI) source in negative mode, as described previously. The measurement conditions and the sample preparation procedures were as follows: capillary needle voltage, -2.0 kV; ring lens voltage, -15 V; orifice 1 voltage, -75 V; orifice 2 voltage, 0 V; orifice 1 temperature, 80 °C; desolvation temperature, 80 °C; sample flow rate, 5 mL min⁻¹; All experiments were performed in 20 mM NH₄OAc containing 10 μM of GFOs and 40 µM of 7. Methanol (10%) was added just before injection. The role of methanol is to increase ion signals.

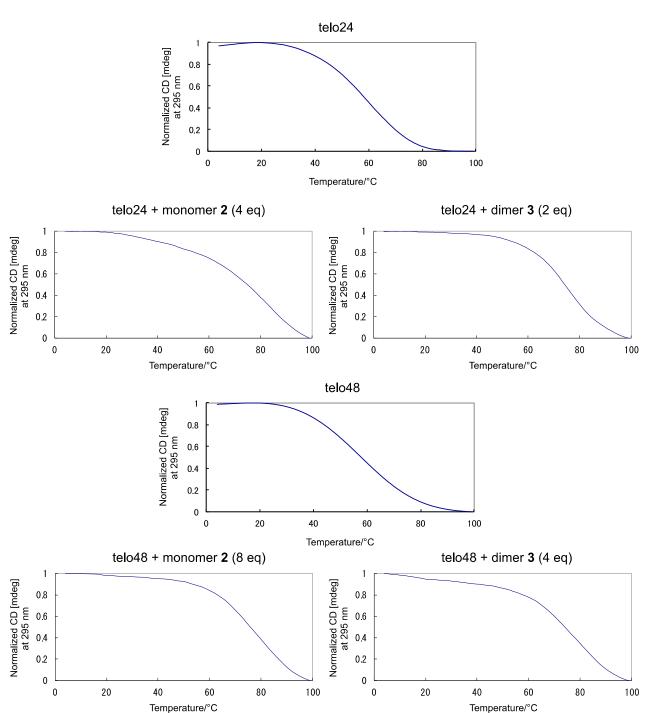




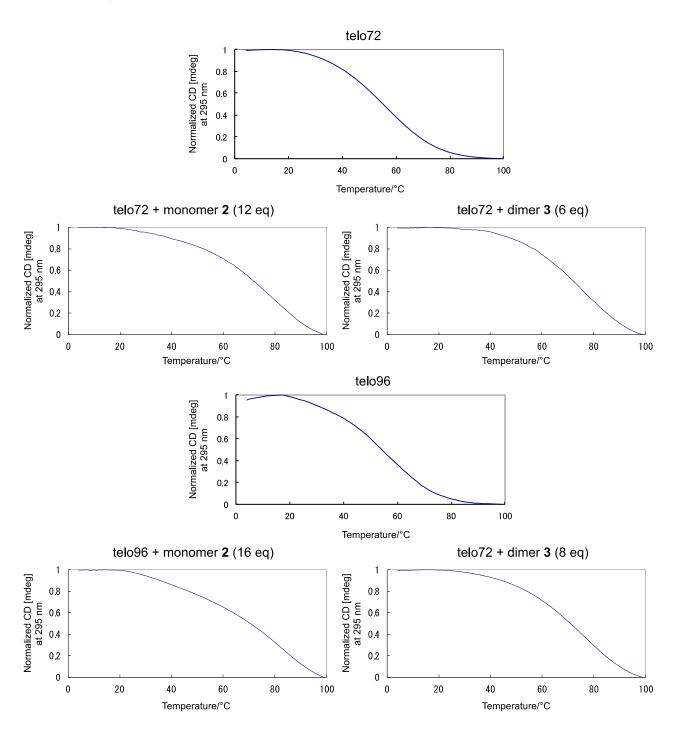
(one DNA + one dimer-6H+)-6 = calct. 1499.79, found 1500.47

Molecules **2013**, *18*

Figure S3. Normalized thermal melting and annealing profiles recorded at 295 nm of (TTAGGG) n (n = 4-16) in the presence of 100 mM KCl with **2**.



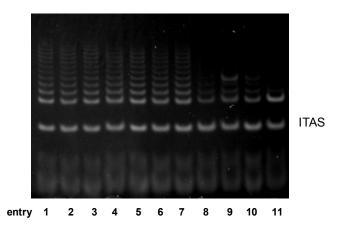
Molecules **2013**, *18*



Molecules **2013**, *18*

Telomerase Repeat Amplification Protocol (TRAP) Assay

Figure S4. Telomerase inhibitory activity of dimer 3 using TRAP assay.



entry 1: No ligands; entry 2, 3 (0.3 nM); entry 4, 5 (1.0 nM); entry 6, 7 (3.0 nM); entry 8, 9 (10 nM); entry 10, 11 (30 nM)