Chemoselective Synthesis of Novel Thiatriazolophanes

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1,4,6-Diethyl-7,12-dithio-1,6(3,5)-di-(1,2,4-triazola)cyclodecaphane, 5d.

Figure S1. 1H NMR for compound 5d.

Figure S2. 13C NMR for compound 5d.

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$1^4,6^4$-Diphenyl-7,9-dithia-1,6(3,5)-di-(1,2,4-triazola)cyclononaphane 5j.

Figure S3. $^1$H NMR for compound 5j.

Figure S4. $^{13}$C NMR for compound 5j.
$1^4,6^4$-Diallyl-9(1,2)-benzena-7,11-dithia-1,3(3,5)(5,3)-di-(1,2,4-triazola)cycloundecaphane 5m.

Figure S5. $^1$H NMR for compound 5m.

Figure S6. $^{13}$C NMR for compound 5m.
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$1^4,3^4$-Diphenyl-2(1,3)6(1,2)-dibenza-4,8-dithia-1,3(3,5)(5,3)-di-(1,2,4-triazola)cycloctaphane 9i.

Figure S7. $^1$H NMR for compound 9i.

Figure S8. $^{13}$C NMR for compound 9i.
$^{1^45^4}$-Diethyl-3(1,3)-benzena-2,4-dioxa-6,10-dithia-1,5(3,5)(5,3)-di-(1,2,4-triazola)cyclodecaphane 12c.

Figure S9. $^1$H NMR for compound 12c.

Figure S10. $^{13}$C NMR for compound 12c.
1\textsuperscript{6},9\textsuperscript{d}-Dianilino-2,8(1,2)-dibenza-3,7-dioxa-10,14-dithia-1(3,5)9(5,3)-di-
(1,2,4-triazola)cyclo tetradecaphane \textit{16a}.

**Figure S11.** \textsuperscript{1}H NMR for compound \textit{16a}.

**Figure S12.** \textsuperscript{13}C NMR for compound \textit{16a}.