Supporting Information

for

Tribenzoquinacenes bearing three peripheral or bridgehead urea groups stretched into the 3-space

Jörg Tellenbröker and Dietmar Kuck*

Address: Department of Chemistry, Bielefeld University, Universitätsstraße 25, D-33615 Bielefeld, Germany

Email: Dietmar Kuck - dietmar.kuck@uni-bielefeld.de

* Corresponding author

$^1$H NMR spectra including magnifications of compounds 5, 6 and 7 (600 MHz) and of compounds 8, 9, 10 and 11 (500 MHz).
$^1$H NMR spectrum (500 MHz, CDCl$_3$) of the mixture of isomers:

2,6,10-trinitro-4b,8b,12b,12d-tetramethyl-4b,8b,12b,12d-tetrahydrodibenzo[2,3:4,5]pentaleno[1,6-ab]indene (8)

and

2,6,11-trinitro-4b,8b,12b,12d-tetramethyl-4b,8b,12b,12d-tetrahydrodibenzo[2,3:4,5]pentaleno[1,6-ab]indene (9)
Partial $^1$H NMR spectrum (500 MHz, CDCl$_3$) of the mixture of 8 and 9: **Aliphatic region**

**Partial $^1$H NMR spectrum (500 MHz, CDCl$_3$) of the mixture of 8 and 9: Aromatic region**
$^1$H NMR spectra (500 MHz, CDCl$_3$) of

2,6,10-triamino-4b,8b,12b,12d-tetramethyl-4b,8b,12b,12d-tetrahydrodibenzo[2,3:4,5]pentaleno[1,6-ab]indene (10)

and

2,6,11-triamino-4b,8b,12b,12d-tetramethyl-4b,8b,12b,12d-tetrahydrodibenzo[2,3:4,5]pentaleno[1,6-ab]indene (11)
$^1$H NMR spectrum (600 MHz, DMSO-$d_6$) of 2,6,10-tris[(N-phenylcarbamoyl)amino]-4b,8b,12b,12d-tetramethyl-4b,8b,12b,12d-tetrahydrodibenzo[2,3:4,5]pentaleno[1,6-ab]indene (5)
$^1$H NMR spectrum (600 MHz, DMSO-$d_6$) of 2,6,11-tris[(N-phenylcarbamoyl)amino]-4b,8b,12b,12d-tetramethyl-4b,8b,12b,12d-tetrahydrodibenzo[2,3:4,5]pentaleno[1,6-$ab$]indene (6)
$^1$H NMR spectrum (600 MHz, DMSO-$d_6$) of 12d-methyl-4b,8b,12b-tris([N-phenylcarbamoyl]amino)-4b,8b,12b,12d-tetra-hydrodibenzo[2,3:4,5]pentaleno[1,6-ab]indene (7)