## **Supplementary materials**

## *Cis,exo*-1,2,3,4,4a,13b-hexahydro-1,4-methano-5-isopropoxy-9*H*-tribenzo[*b*,*f*]azepine

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Figure S2. COSY-2D NMR spectrum of compound 3 (zoom aliphatic region)



Figure S3. HSQC-2D NMR spectrum of compound 3



Figure S4. HSQC-2D NMR spectrum of compound 3 (zoom aliphatic region)



Figure S5. HSQC-2D NMR spectrum of compound 3 (zoom aromatic region)



Figure S6. HMBC-2D NMR spectrum of compound 3



Figure S7. HMBC-2D NMR spectrum of compound 3 (zoom aliphatic region)



Figure S8. HMBC-2D NMR spectrum of compound 3 (zoom aromatic region)





135 130 125 120 115 110 105 100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 f1 (ppm)

Figure S9. <sup>13</sup>C–NMR DEPT 135 spectrum of compound 3



Figure S10. <sup>13</sup>C-NMR DEPT 90 spectrum of compound 3









Figure S12. NOESY-2D-NMR spectrum of compound 3