Supporting Information

Study of the host-guest interaction between $N,N'$-bis[4-(dimethylaminophenyl)methyl]butane-1,4-diamine and the cucurbit[n]urils ($n = 6, 7$)

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Figure S1 Interaction of G and Q[6] (D_2O): $^1$H NMR spectra of G (ca. 2 mM) in the absence of Q[6] (A); in the presence of 1.949 equiv. of Q[6] at 20°C (B); in the presence of 1.949 equiv. of Q[6] at 40°C (C); in the presence of 1.949 equiv. of Q[6] at 60°C (D); in the presence of 1.949 equiv. of Q[6] at 80°C (E).
Figure S2. ITC data for the binding of Q[6] with G in aqueous solution at 298.15 K.
Figure S3. ITC data for the binding of Q[7] with G in aqueous solution at 298.15 K.
**Figure S4.** Alternative views of the molecular structure of 1.
Figure S5. $^1$H and $^{13}$C NMR spectra of G.