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Supplementary information

Cyanide free contraction of disclosed 1,4-dioxane ring as a route to cobalt bis(dicarbollide) derivatives with short spacer between the boron cage and terminal functional group

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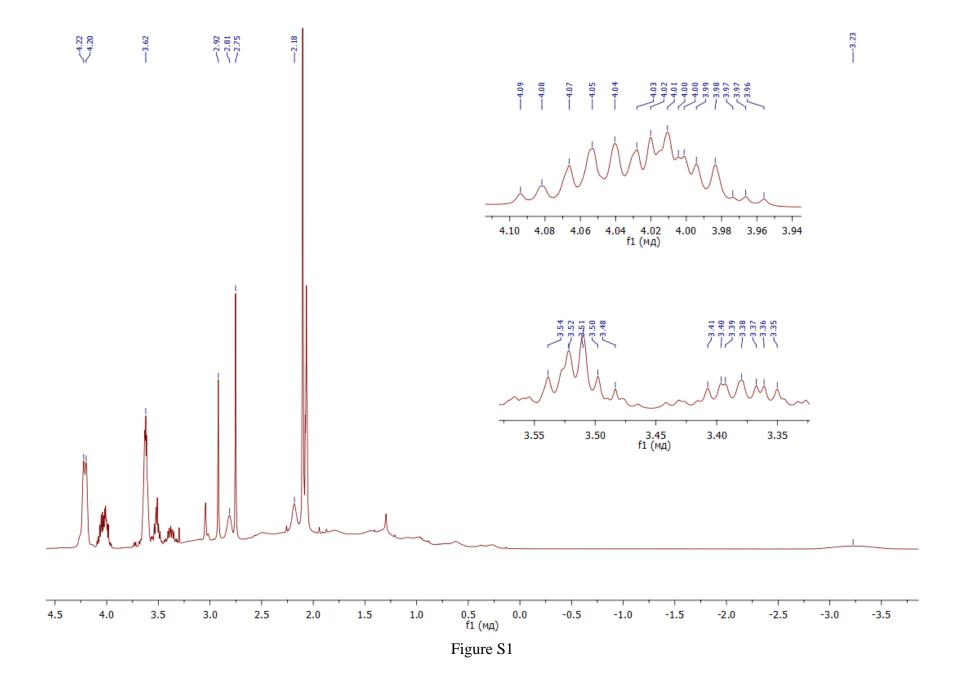
Figure S1. ¹H NMR spectrum of compound **7** in acetone-*d*₆.

Figure S2. 13 C NMR spectrum of compound **7** in acetone- d_6 .

Figure S3. $^{11}B\{^{1}H\}$ NMR spectrum of compound 7 in acetone- d_6 .

Figure S4. 11 B NMR spectrum of compound **7** in acetone- d_6 .

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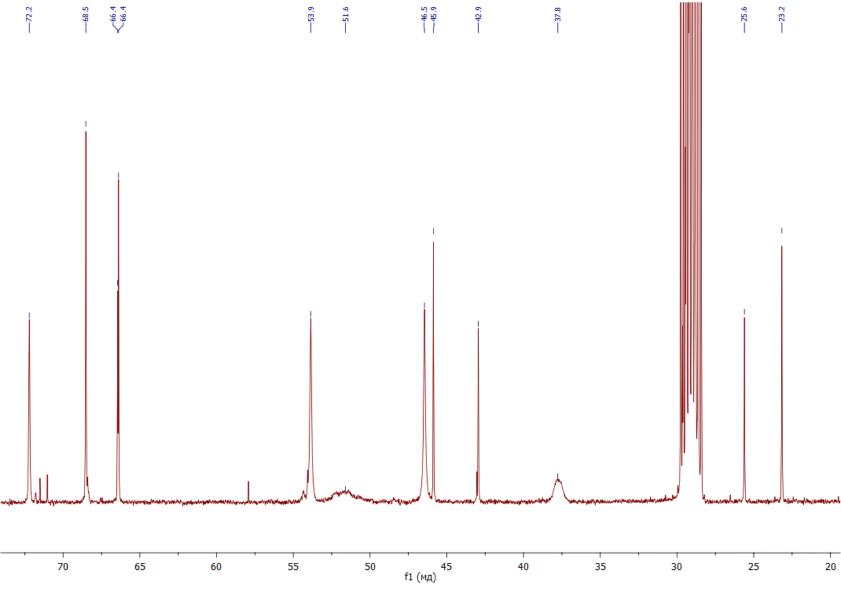


Figure S2

