Supporting Information

Naphthalene-based Water-soluble Fluorescent Boronic Acids Suitable for Ratiometric and Off-on Sensing of Saccharides at Physiological pH

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$^1$H and $^{13}$C NMR spectra of 5-DMANBA (I) and related intermediates

**Figure S1.** $^1$H NMR of 5-DMANBA (I) (300 MHz, CD$_3$OD)
Figure S2. $^{13}$C NMR of 5-DMANBA (1) (75 MHz, CD$_3$OD)
**Figure S3.** $^1$H NMR of 5-nitro-1-bromonaphthalene (4) (300 MHz, CDCl$_3$)

**Figure S4.** $^{13}$C NMR of 5-nitro-1-bromonaphthalene (4) (75 MHz, CDCl$_3$)
Figure S5. $^1$H NMR of 5-amino-1-bromonaphthalene (5) (400 MHz, CDCl$_3$)
Figure S6. $^{13}$C NMR of 5-amino-1-bromonaphthalene (5) (100 MHz, CDCl$_3$)
Figure S7. $^1$H NMR of 5-(dimethylamino)-1-bromonaphthalene (6) (300 MHz, CDCl$_3$)
Figure S8. $^{13}$C NMR of 5-(dimethylamino)-1-bromonaphthalene (6) (75 MHz, CDCl$_3$)