Supporting Information for

Synthesis of Fluorinated Oxadiazoles with Gelation and Oxygen Storage Ability

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Figure 1¹H NMR (300 MHz, CDCl₃) spectrum of compound 4a.



Figure 2¹³C NMR (62.5 MHz, CDCl₃) spectrum of compound 4a.



Figure 3 ¹H NMR (300 MHz, CDCl₃) spectrum of compound 4b.



Figure 4 ¹³C NMR (62.5 MHz, CDCl₃) spectrum of compound 4b.



Figure 5¹H NMR (300 MHz, CDCl₃) spectrum of compound 5a.



Figure 6¹³C NMR (62.5 MHz, CDCl₃) spectrum of compound 5a.



Figure 7¹H NMR (300 MHz, CDCl₃) spectrum of compound 5b.



Figure 8¹³C NMR (62.5 MHz, CDCl₃) spectrum of compound 5b.



Figure 9 ¹H NMR (300 MHz, CDCl₃) spectrum of compound **5c**.



Figure 10¹³C NMR (62.5 MHz, CDCl₃) spectrum of compound 5c.



Figure 11 ¹H NMR (300 MHz, DMSO- d_6) spectrum of compound **6a**.



Figure 12 13 C NMR (62.5 MHz, DMSO- d_6) spectrum of compound **6a**.

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Figure 14 13 C NMR (62.5 MHz, DMSO- d_6) spectrum of compound 6b.

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Figure 15 ¹H NMR (300 MHz, DMSO- d_6) spectrum of compound **6c**.



Figure 16 ¹³C NMR (62.5 MHz, DMSO- d_6) spectrum of compound 6c.





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Figure 22 ¹³C NMR (75 MHz, CDCl₃) spectrum of compound 9.