Latent Catalyst-Containing Naphthoxazine:

Synthesis and Effects on Ring Opening Polymerization

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Supporting Information
**Figure S1.** Chemical structure of N-m and 2-naphthol.

**Figure S2.** $^1$H NMR spectra in region between 5.0 and 1.0 ppm of NN-pd-OH at a concentration of 35 mM in 0.8 ml DMSO-$d_6$ before (bottom spectrum) and after adding 0.04 ml, 0.1ml and 0.2 ml D$_2$O. The red lines mark the signal for DOH.
Figure S3. \(^1\)H NMR spectra of NN-pd-OH at a concentration of 35 mM in 0.8 ml DMSO-\(d_6\) before and after adding 0.1ml D\(_2\)O. The red arrow marks the signal for hydrogen bonded –OH.
Figure S4. $^1$H NMR spectra of NN-pd-OH (in black), the one heated at 60 °C for 1h (in red), and that heated at 100 °C for 1h. The solvent was DMSO-$d_6$. 
**Figure S5.** Top: $^1$H NMR spectra of N-m (in purple), 2-naphthol (in purple), N-m/2N (in black), the one heated at 60 °C for 1h (in red), and that heated at 100 °C for 1h. Down: magnification of the region between 8.3 and 7.0 ppm in the top figure. The solvent was DMSO-$d_6$.

**Figure S6.** $^1$H NMR spectrum of NN-pd-OH that stored for 3 months in solid state in capped vial. The solvent was DMSO-$d_6$. 