

# Supporting Information

## Chiral Binaphthol Fluorescent Materials Based on a Novel Click Reaction

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Figure S1: The Nuclear magnetic resonance spectrum of the PSE-R-BINOL50%

Figure S2: Molecular weight by polymer gel chromatography

Figure S3: The XPS diffraction of PSE-R-BINOL50%

Figure S4: CD spectrum of PSE-R-BINOL50%

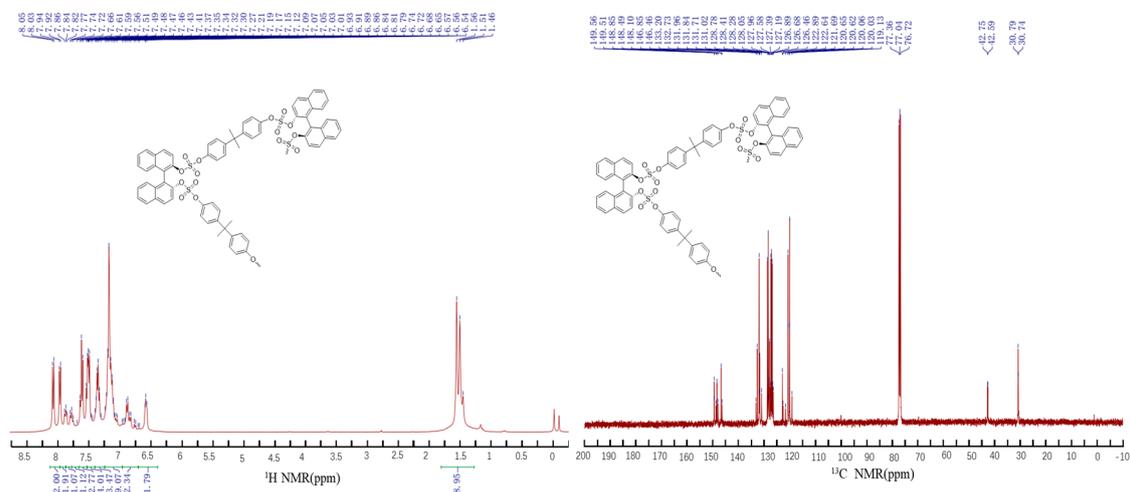


Figure S1 <sup>1</sup>H NMR and <sup>13</sup>C NMR of PSE-R-BINOL50%

Entry	Materials name	Mn	Mw	Mz	Mv	PD
1	PSE-RBINOL1%	33937	56602	82522	53033	1.6679
2	PSE-RBINOL50%	172771	318620	536904	292302	1.8442
3	PSE-SBINOL50%	43648	76072	118176	70643	1.7428

\* Test method: Dissolve the polymer in THF, prepare a solution with a concentration of 1mg/ml, filter it

through the filter head, and then conduct gel chromatograph measurement, and take THF as the eluent

Figure S2: Molecular weight by polymer gel chromatography

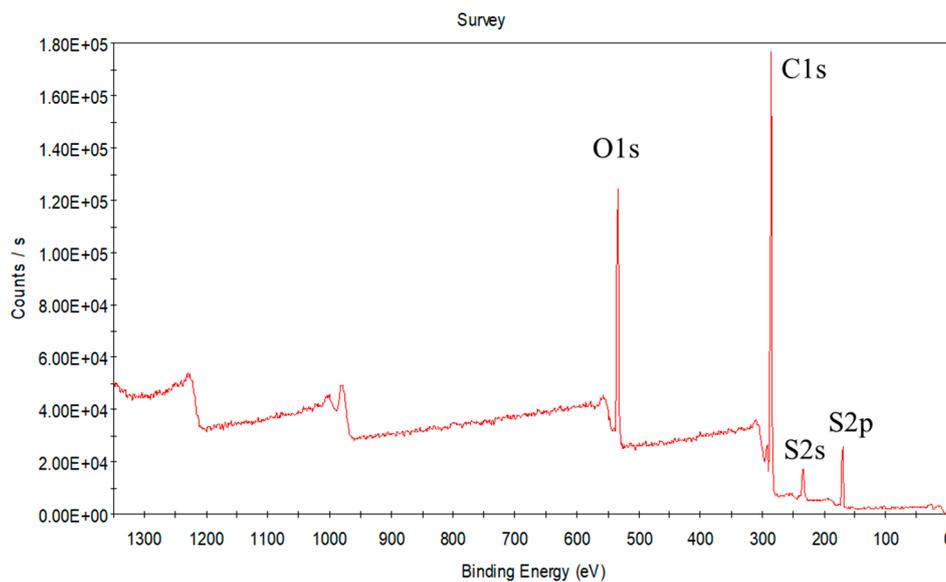


Figure S3 the XPS diffraction of the PSE-R-BINOL50%

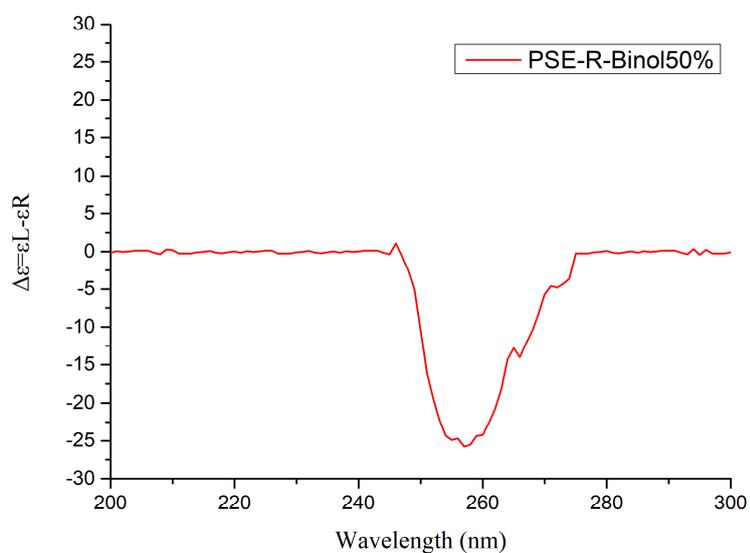


Figure S4 CD spectrum of PSE-R-BINOL50%