

Supplementary Materials

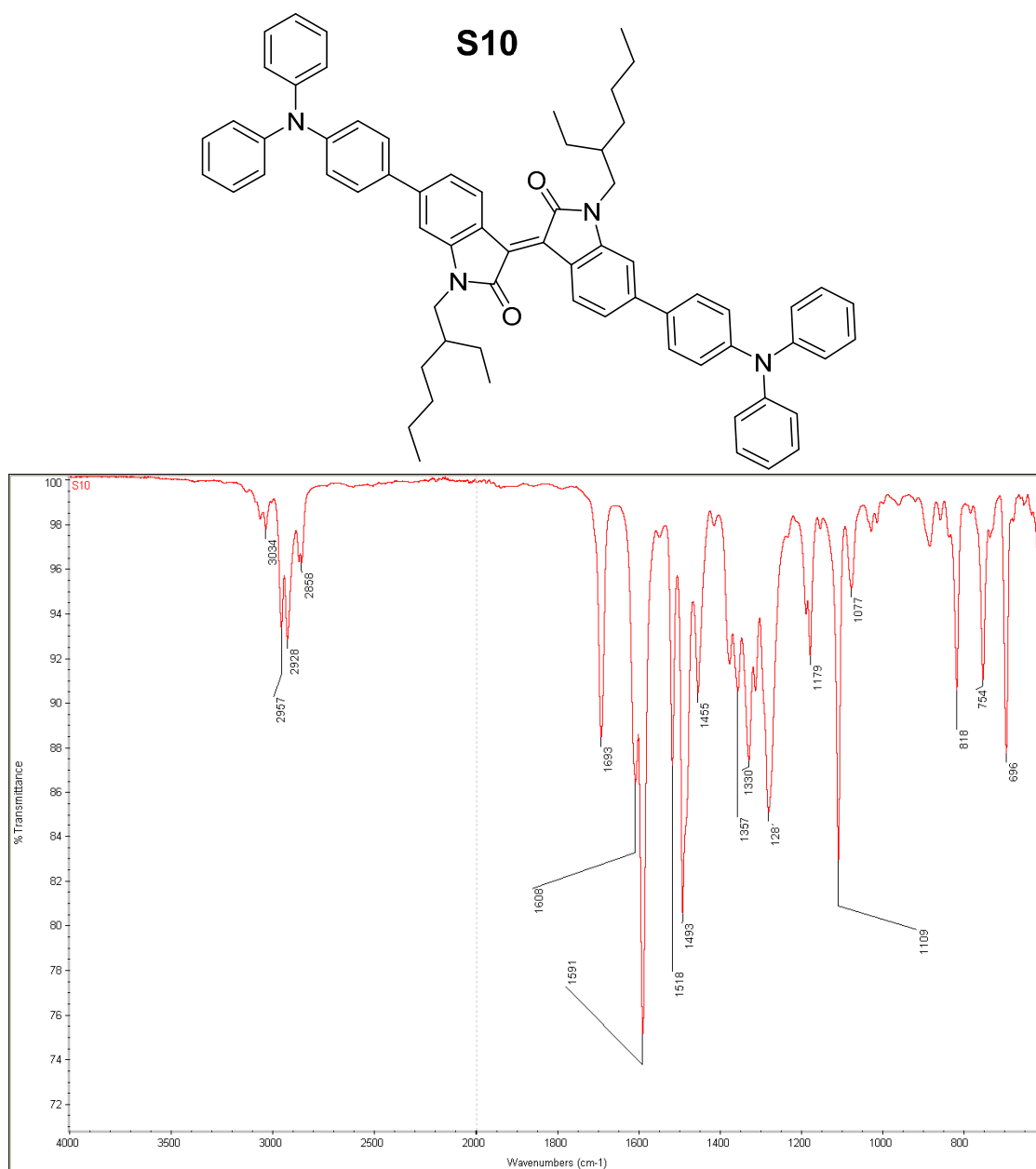


Figure S1. Infrared (IR) spectrum of **S10**.

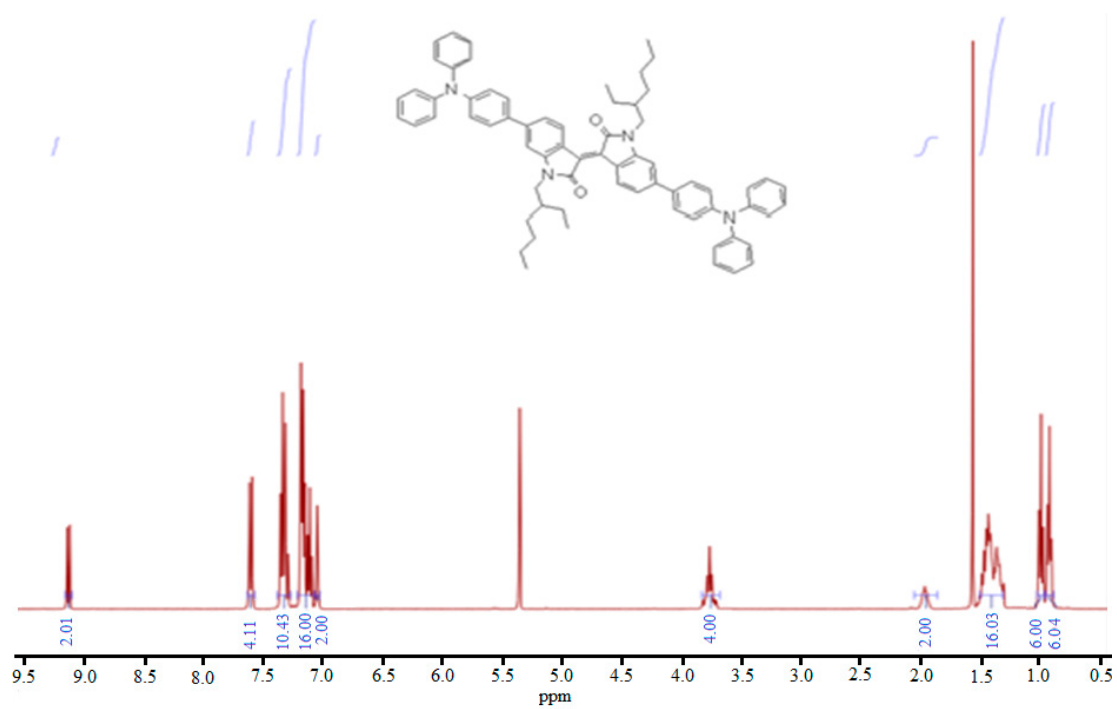


Figure S2. ^1H -NMR spectra of S10.

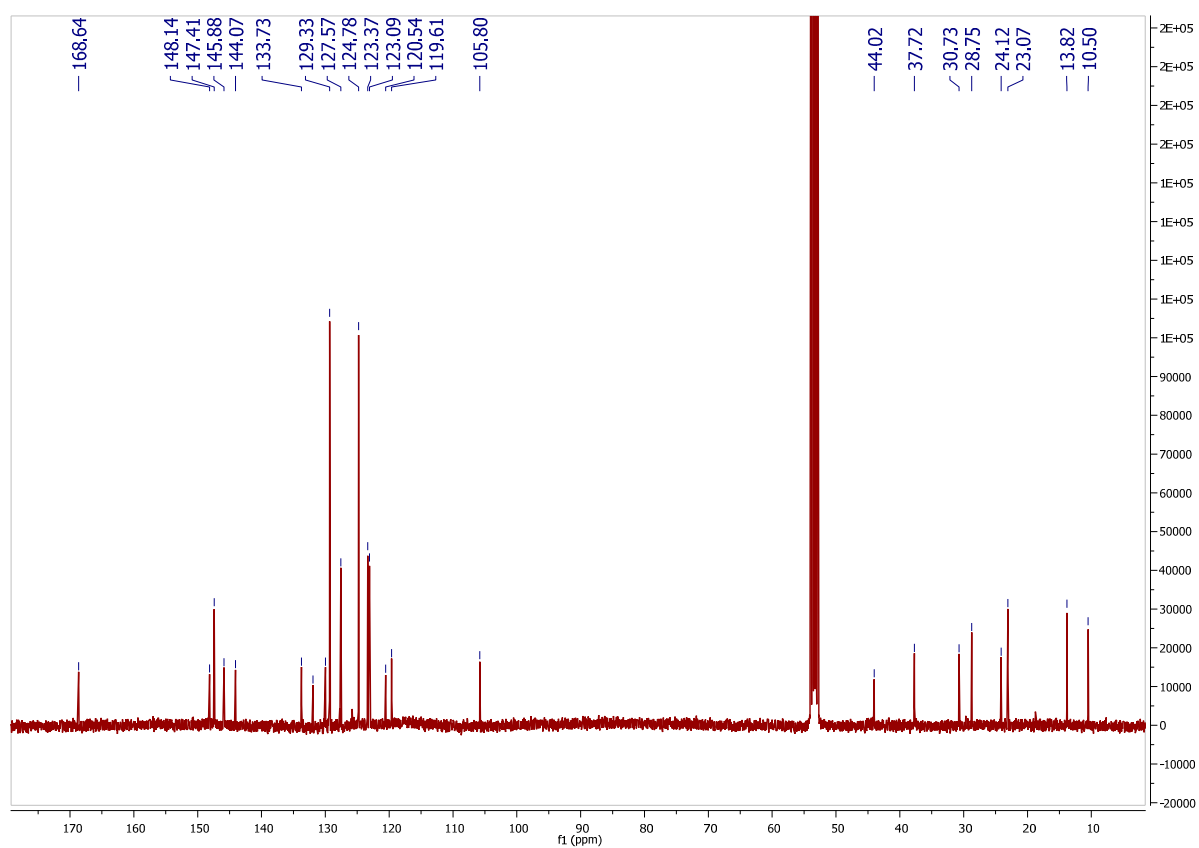
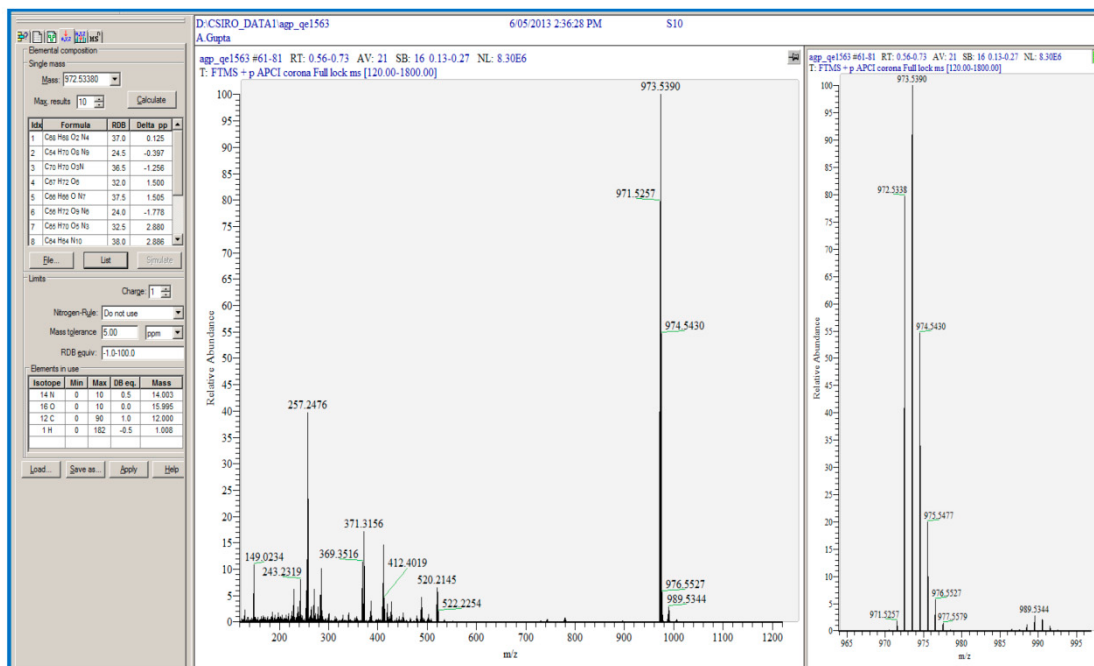


Figure S3. ^{13}C -NMR (below) spectra of S10.



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QExactive ASAP Probe Accurate Mass Report
S10



All experiments were carried out on a Thermo Scientific Q Exactive FTMS, employing ASAP probe.

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m/z	Theo. Mass	Delta (ppm)	Composition
972.5338	972.5337	0.12	C68 H68 O2 N4
	972.5342	-0.40	C54 H70 O8 N9
	972.5350	-1.26	C70 H70 O3 N
	972.5323	1.50	C67 H72 O6
	972.5323	1.51	C66 H66 O N7
	972.5355	-1.78	C56 H72 O9 N6
	972.5310	2.88	C65 H70 O5 N3
	972.5310	2.89	C64 H64 N10
	972.5369	-3.15	C57 H68 O5 N10
	972.5369	-3.16	C58 H74 O10 N3

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Figure S4. HRMS spectrum of S10.

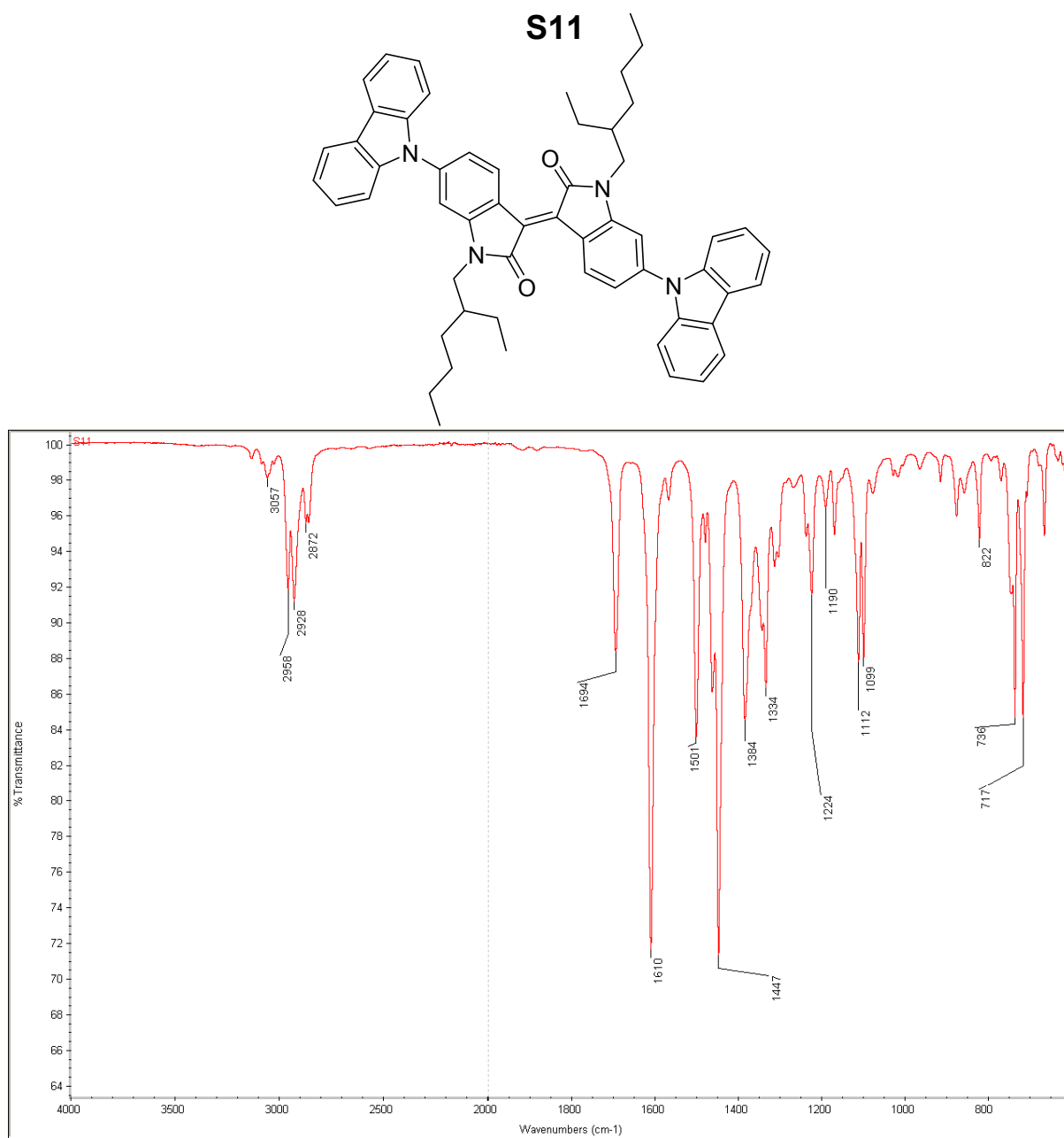


Figure S5. IR spectrum of S11.

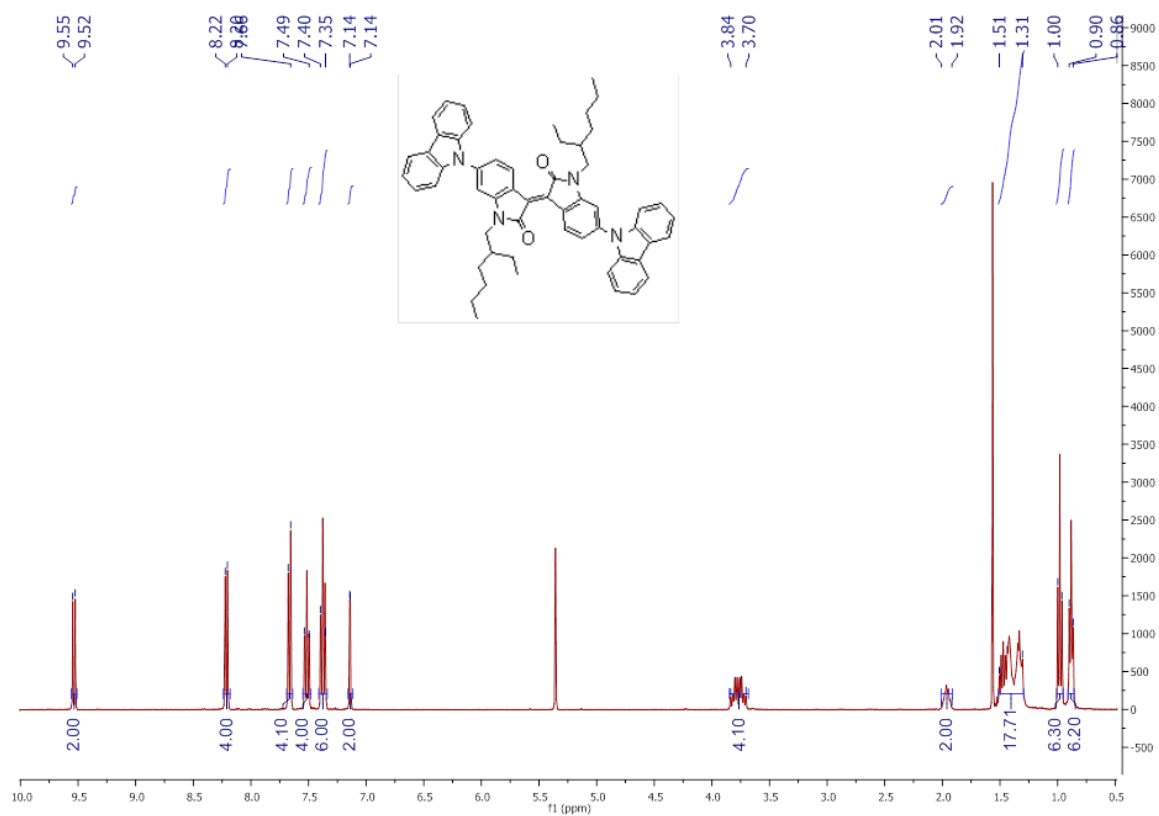


Figure S6. ^1H -NMR spectra of S11.

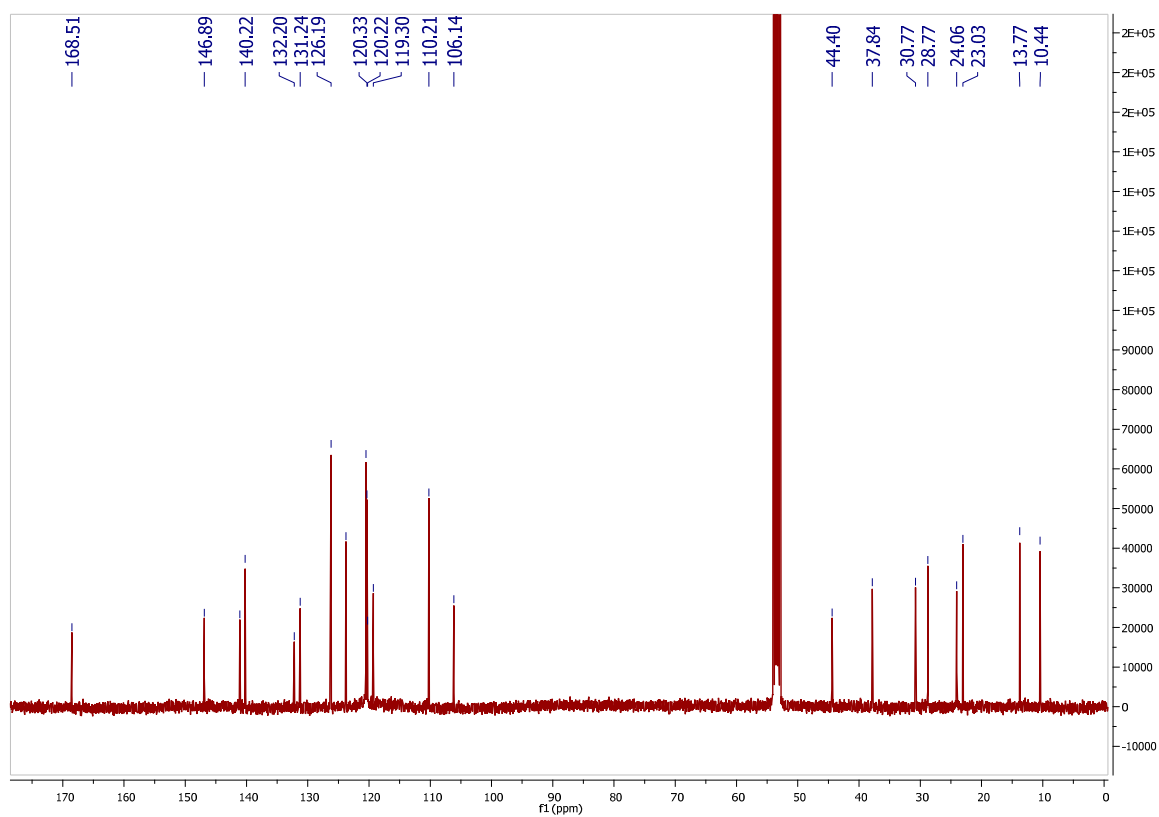
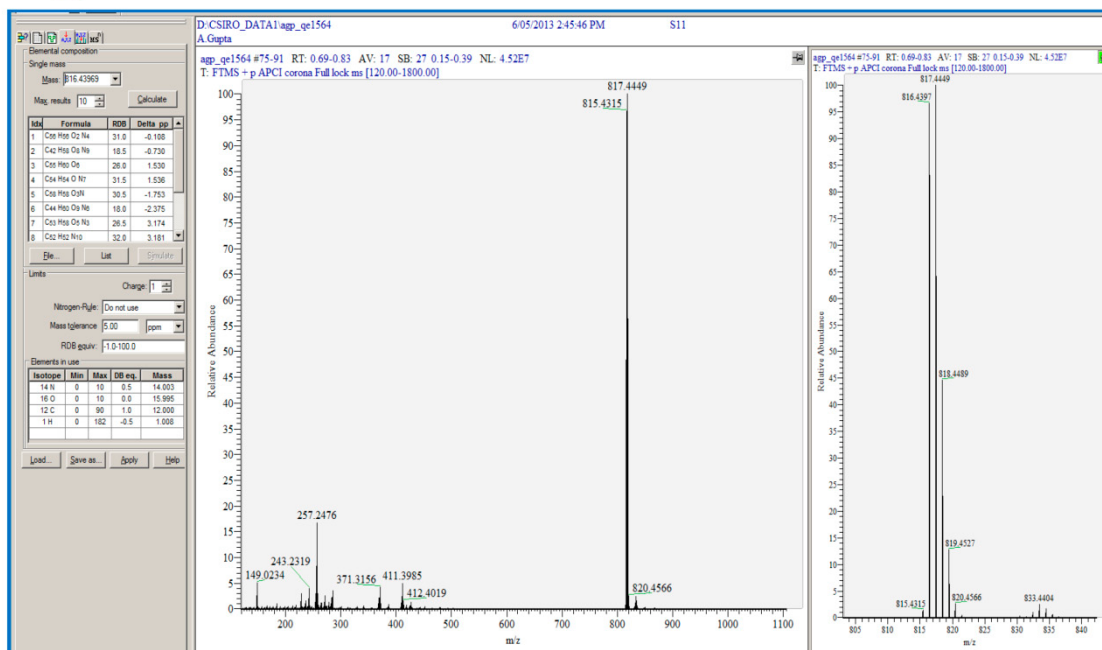


Figure S7. ^{13}C -NMR spectra of S11.



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m/z	Theo. Mass	Delta (ppm)	Composition
816.4397	816.4398	-0.11	C56 H56 O2 N4
	816.4403	-0.73	C42 H58 O8 N9
	816.4384	1.53	C55 H60 O6
	816.4384	1.54	C54 H54 O N7
	816.4411	-1.75	C58 H58 O3 N
	816.4416	-2.37	C44 H60 O9 N6
	816.4371	3.17	C53 H58 O5 N3
	816.4371	3.18	C52 H52 N10
	816.4430	-4.01	C45 H56 O5 N10
	816.4430	-4.02	C46 H62 O10 N3

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Figure S8. HRMS spectrum of S11.

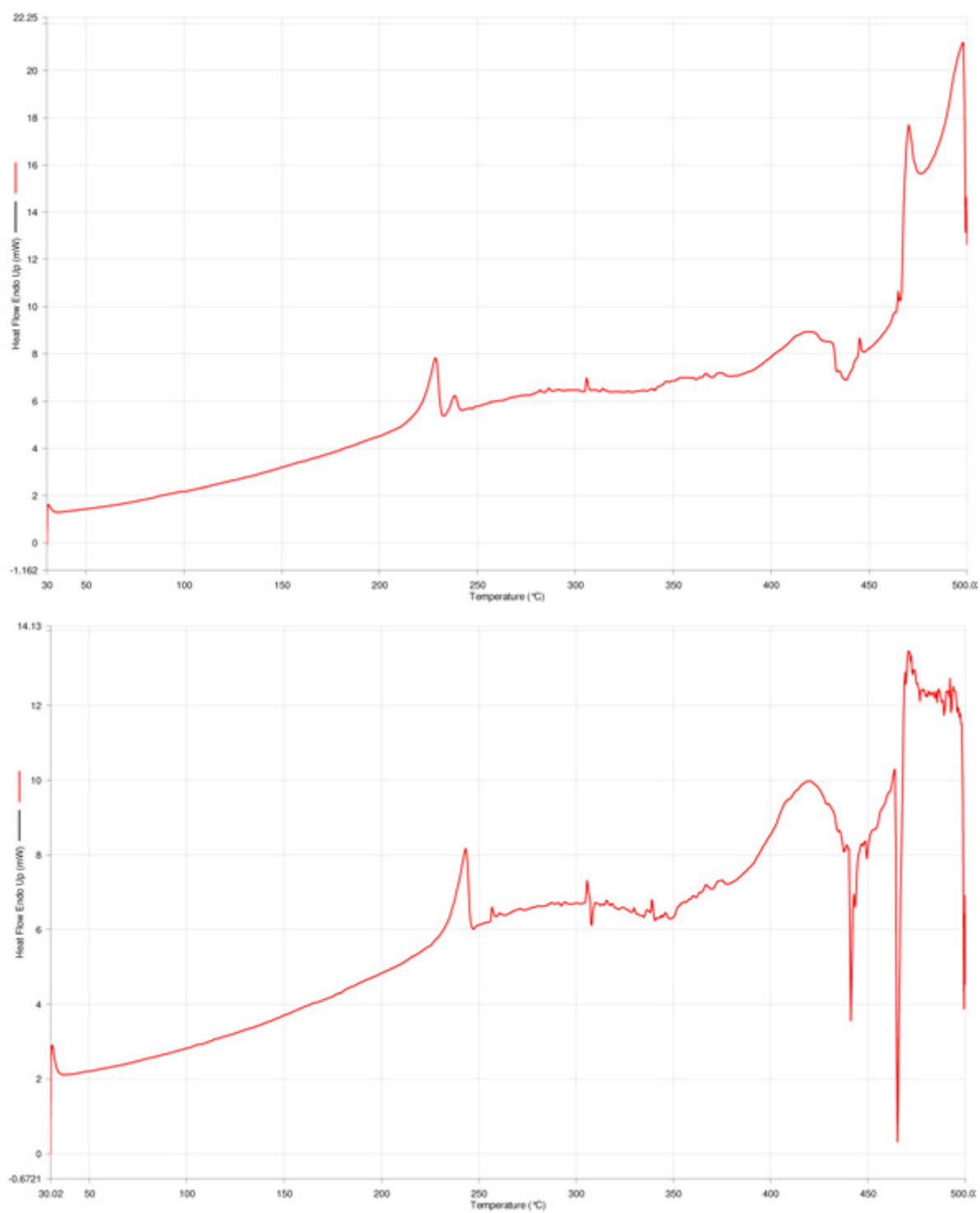


Figure S9. DSC curves of S10 (above) and S11 (below).

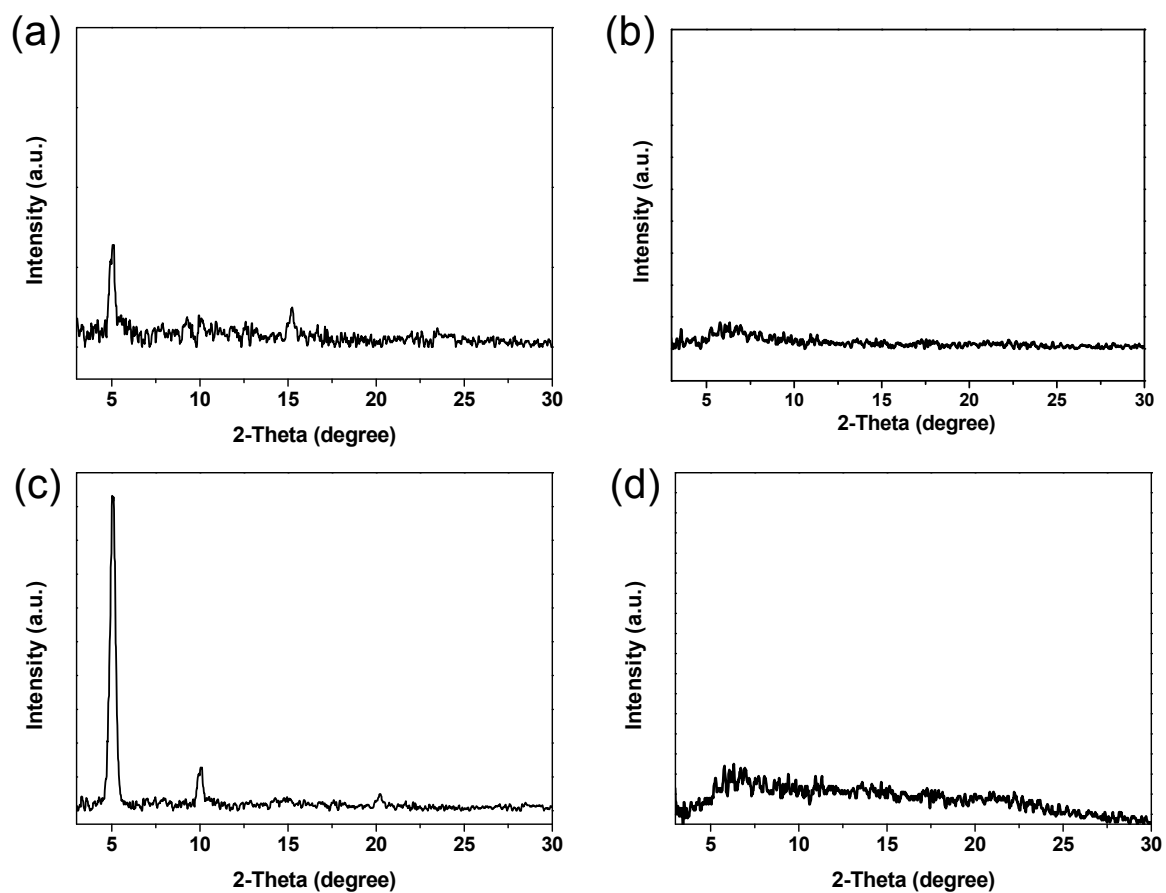


Figure S10. The XRD spectra of S10- (a,c) and S11-based (b,d) thin films under as-spun (a,b) and thermal annealing at 120 °C (c,d) conditions.