Electronic Supplementary Information (ESI) for

Facile approach to preparing porous organic polymer through Bergman cyclization

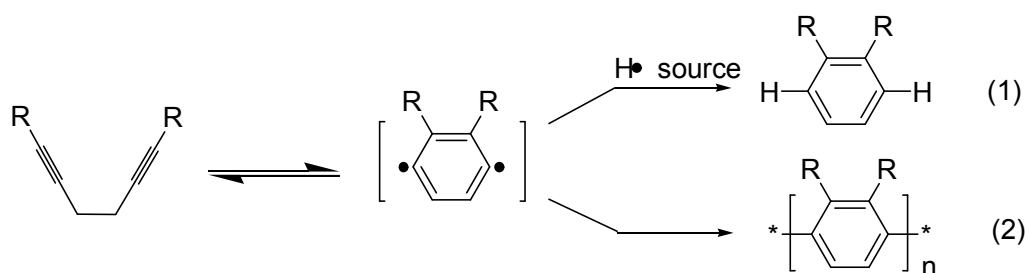Xian-Mei Zhang,[a,b] Xuesong Ding,[b] Aiguo Hu,*[a] Bao-Hang Han*[b]

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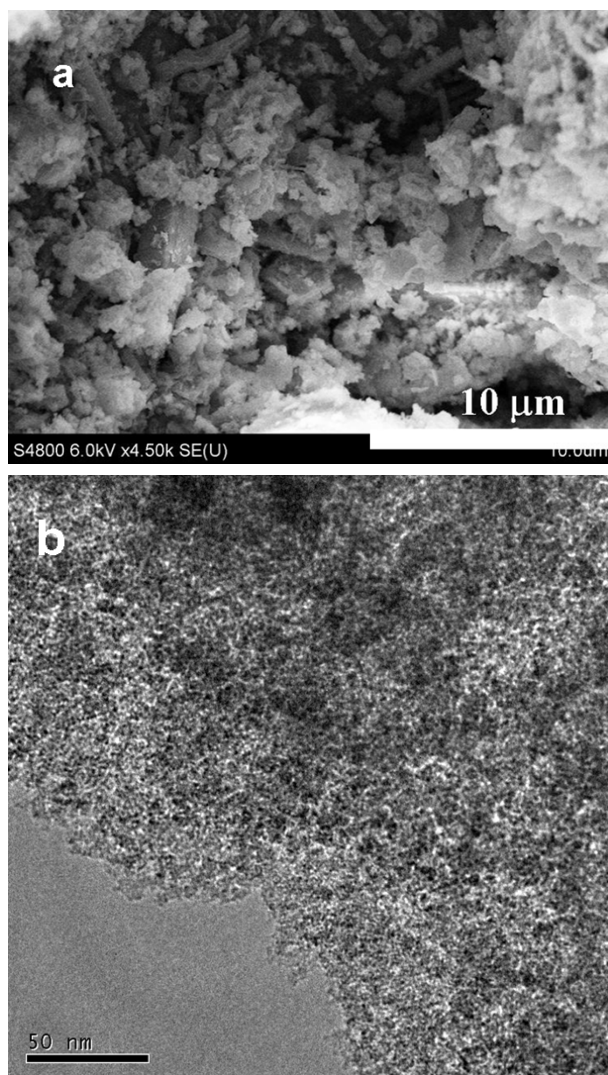Tel: +86 21 6425 3037. Email: hagmhsn@ecust.edu.cn

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Scheme S1 Schematic representation of polymers' formation via Bergman cyclization.

Table S1 Experimental conditions for preparing **BCPOP-1** and corresponding BET specific surface area.

BCPOP-1	Temperature/°C	Solvent	Yield/%	S_{BET}/m^2 g^{-1} [a]
1	200	—	35	480
2	220	—	45	720
3	180	NMP [b]	85	680
4	200	NMP [b]	91	900
5	220	NMP [b]	94	1080
6	240	NMP [b]	93	1010
7	260	NMP [b]	94	775
8	220	Diphenyl ether	94	1020

[a] Surface area calculated from nitrogen adsorption isotherm through the BET method by using a TriStar II 3020 surface area and porosity analyzer (Micromeritics, USA) at 77 K.

[b] N-Methyl-2-pyrrolidone.

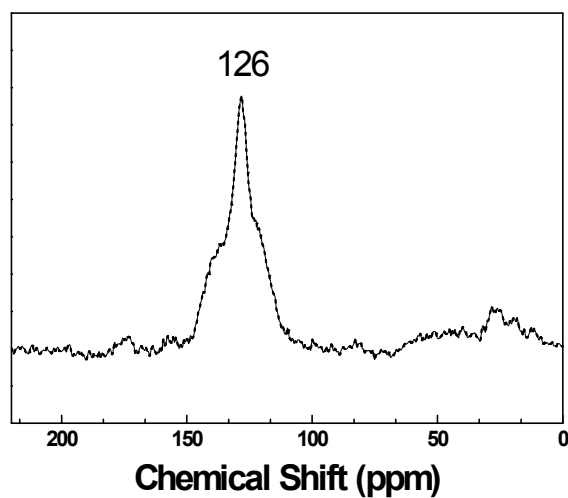**Fig. S1** (a) SEM and (b) TEM images of **BCPOP-1**.

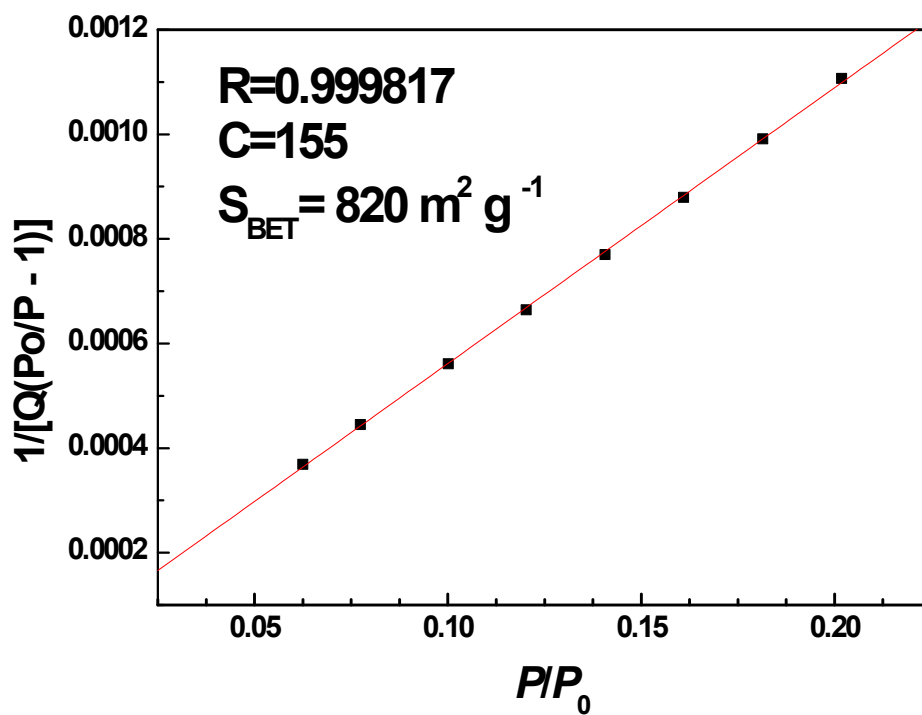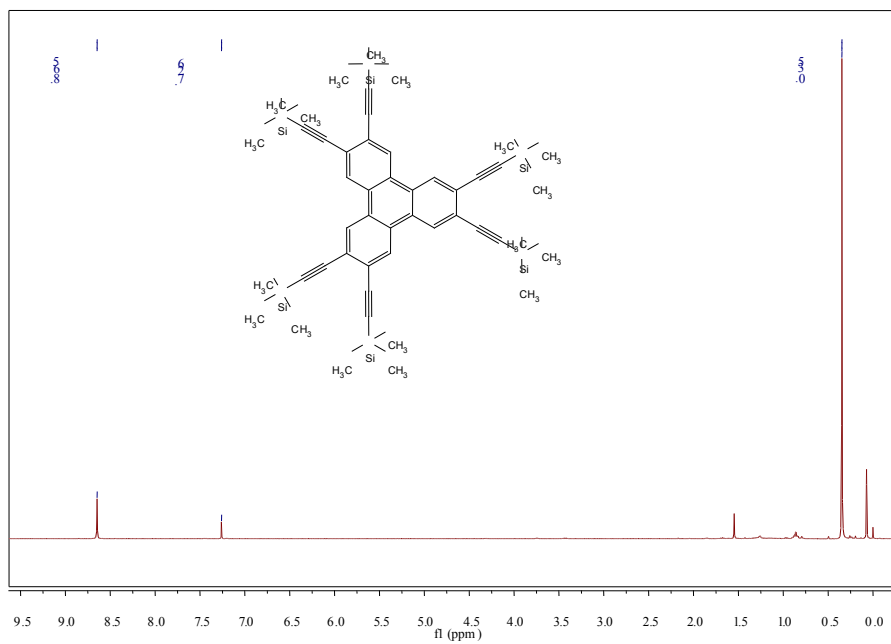**Fig. S2** Solid-state ^{13}C/CP-MAS NMR spectrum of **BCPOP-1**.

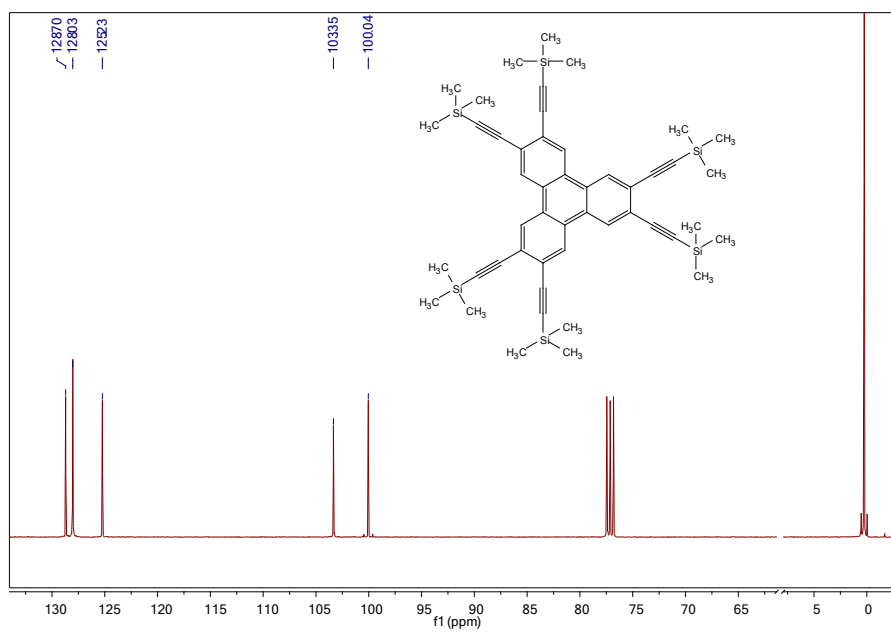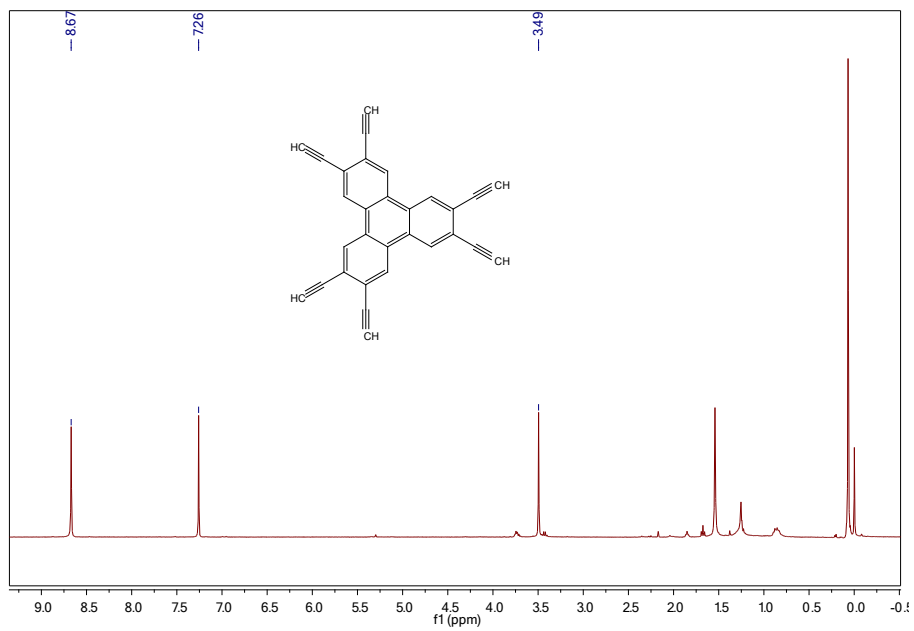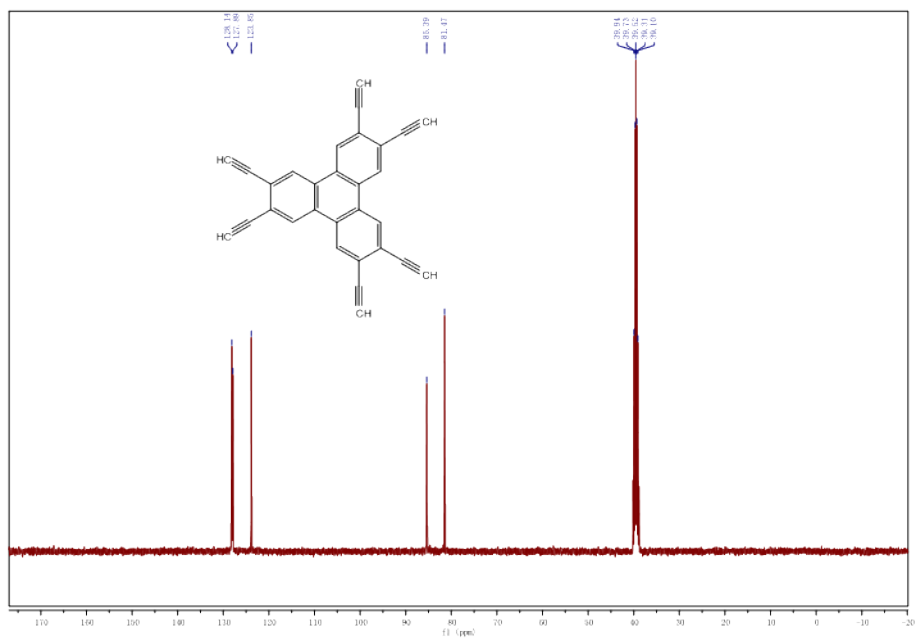**Fig. S3** BET specific surface area plot of **BCPOP-1**.

^{1}H NMR spectrum of **M1-3**

^{13}C NMR spectrum of **M1-3**

^{1}H NMR spectrum of **HET**

^{13}C NMR spectrum of **HET**