

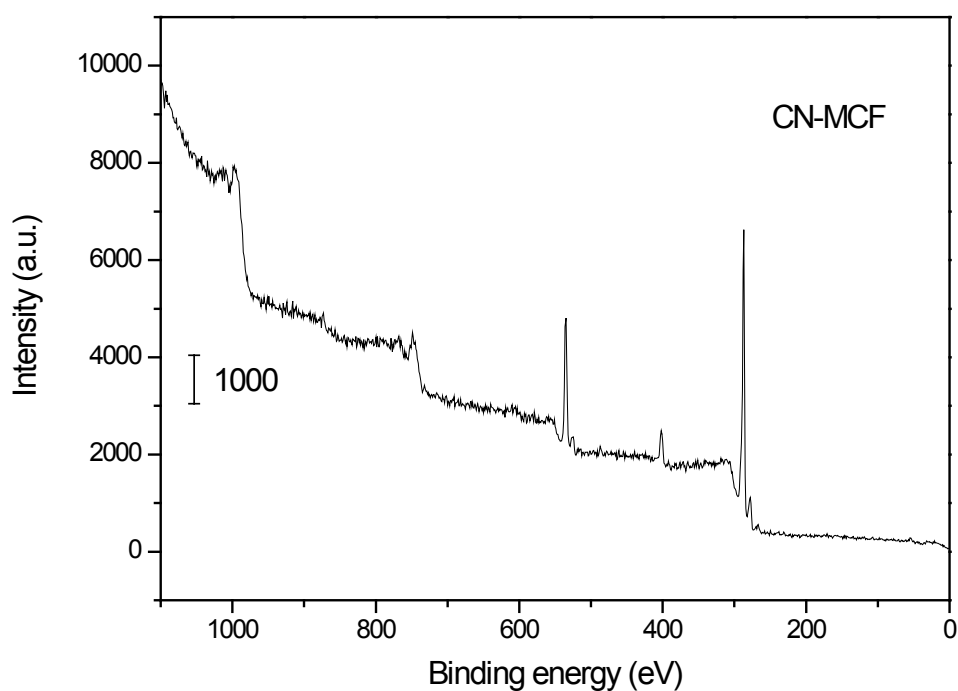
## Supporting Information for

### Mesostructured graphitic carbon nitride as a new base catalyst for the efficient synthesis of dimethyl carbonate by transesterification

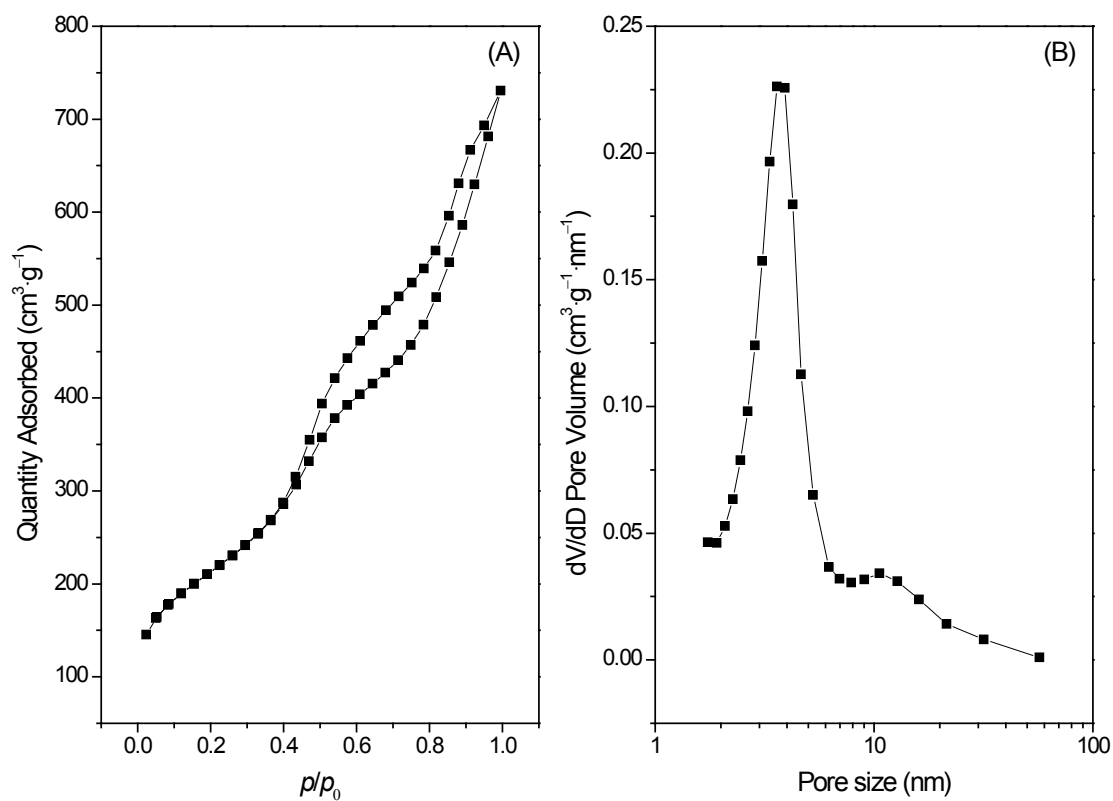
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**Fig. S1 XPS survey spectrum of CN-MCF.**



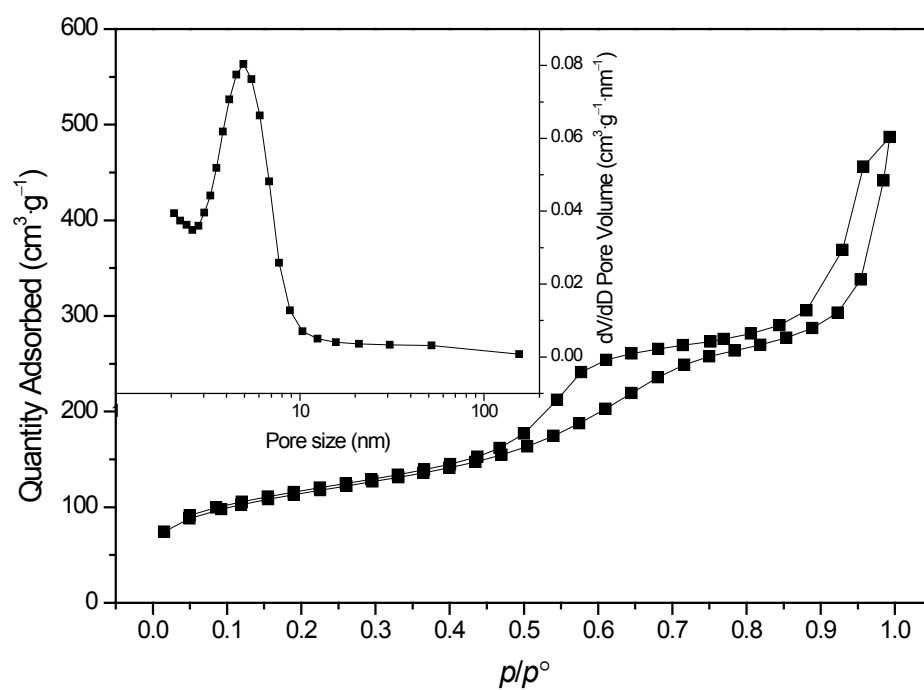
**Fig. S2 N<sub>2</sub> adsorption-desorption isotherms (A) and PSD curve (B) of CN-SBA-15.**

**Table S1 Textural properties of CN-SBA-15.**

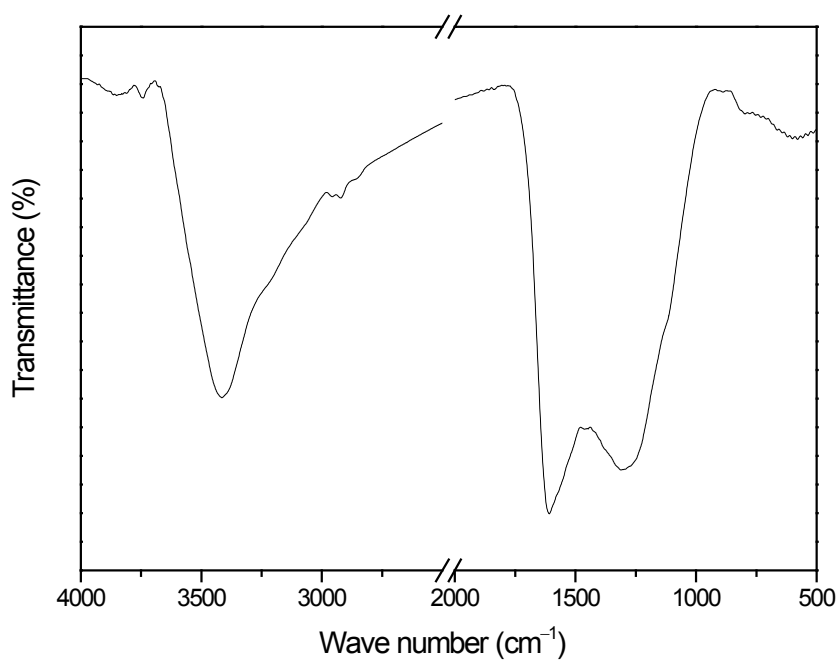
Sample	$S_{\text{BET}}$ (m <sup>2</sup> ·g <sup>-1</sup> )	Pore size <sup>a</sup> (nm)	$V_p$ <sup>b</sup> (cm <sup>3</sup> ·g <sup>-1</sup> )
CN-SBA-15	753	3.9	1.13

<sup>a</sup> Determined by the adsorption branch of isotherms.

<sup>b</sup> Pore Volume.



**Fig. S3** N<sub>2</sub> adsorption–desorption isotherms and PSD curve (the inset) of CN-MCF subjected to five catalytic running cycles.



**Fig. S4 FT-IR spectrum of CN-MCF subjected to five catalytic running cycles.**