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Electronic Supporting Information for

A Hybrid Sol-gel Synthesis of Mesostructured SiC with Tunable Porosity and its Application as a Support for Propane Oxidative Dehydrogenation

Jie Xu[a], Yong-Mei Liu[b], Bing Xue[a], Yong-Xin Li[a, *], Yong Cao[b, *], Kang-Nian Fan[b]

[a]*College of Chemistry and Chemical Engineering, Changzhou University, Gehu Road 1, Changzhou, Jiangsu 213164, P. R. China*

[b]*Shanghai Key Laboratory of Molecular Catalysis and Innovative Materials, Department of Chemistry, Fudan University, Shanghai 200433, P. R. China*

Fig. S1

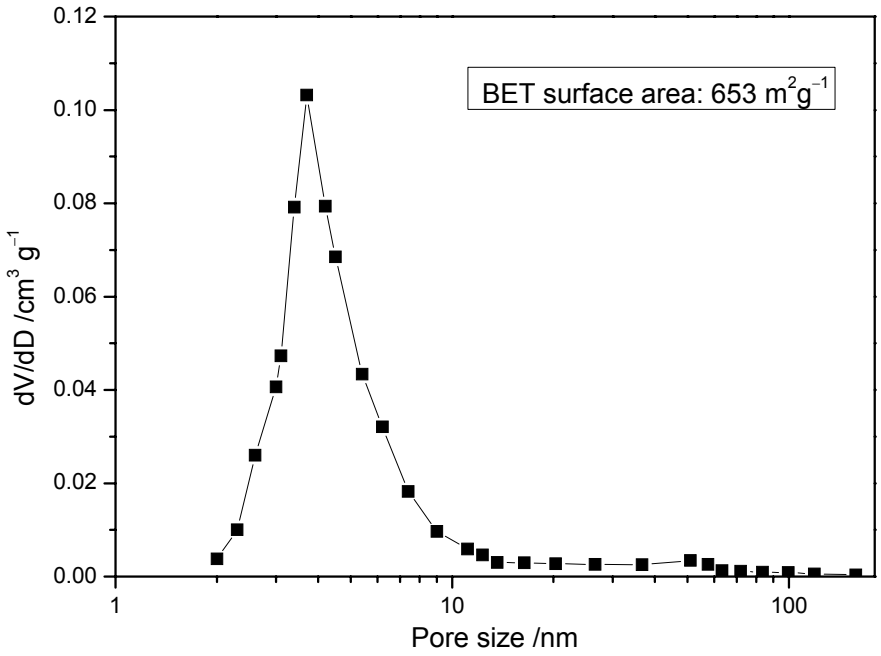

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Table S1

Catalyst	Surface area /$m^2 \cdot g^{-1}$	Pore volume /$cm^3 \cdot g^{-1}$	V-content /%	Reaction temperature /°C	*C* (C_3H_8)[c] /%	*S*(C_3H_6)[c] /%	Reference
1.5V-SiC-C_8	345[a]	0.92[a]	1.5	600	32.5	62.1	This work
2V/MCM	952[b]	n/a	2.3	550	11.1	61.6	[1]
1.8V-SBA-15	559[b]	0.99[b]	1.8	600	37.4	53.1	[2]
1VITQ6	594[b]	n/a	1.4	550	21.1	53.1	[3]

[a] Surface area or pore volume of catalytic support.

[b] Surface area or pore volume of catalyst.

[c] The best conversion or selectivity obtained.

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