

1 **A study of Pd⁽⁰⁾ modified MCM-48 mesoporous microsphere with ultrahigh**
2 **surface area catalyzed hydrodechlorination of 4-Chlorophenol**

3 *Yansheng Liu, Xinlin Li, Xuanduong Le, Wei Zhang, Hao Gu, Ruiwen Xue and Jiantai Ma**

4

5 *Gansu Provincial Engineering Laboratory for Chemical Catalysis, College of Chemistry and*

6 *Chemical Engineering, Lanzhou University, Lanzhou 730000, PR China.*

7 **Corresponding author, E-mail addresses: majiantai@lzu.edu.cn (Jiantai Ma).*

8 *Tel.: +86 0931 891 2577; Fax: +86 0931 891 2582*

9

10

11

12

13

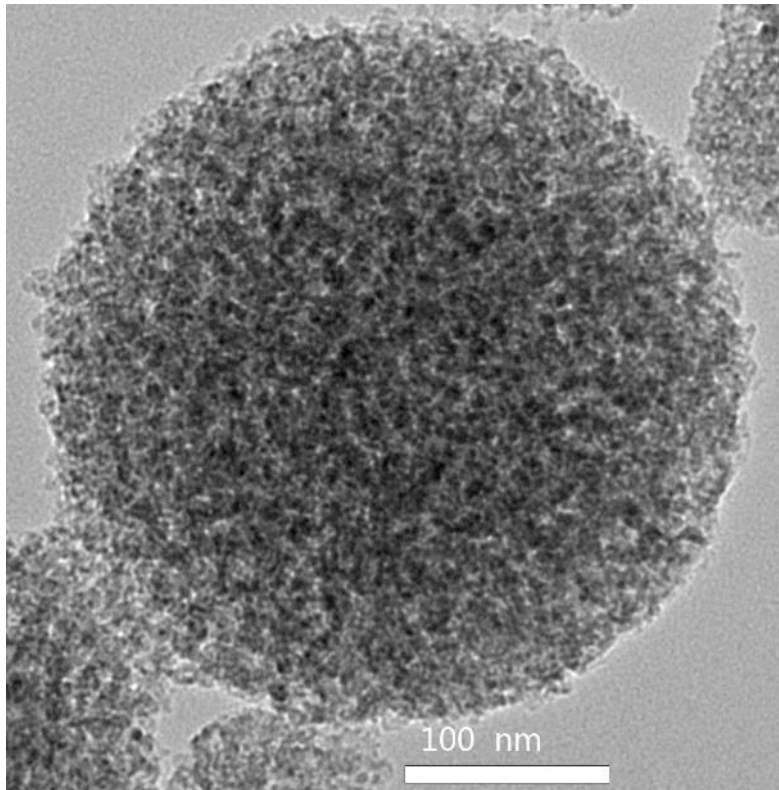
14

15

16

17

18



1

Figure S1. TEM image of used Pd/M48N