Supporting Information

A new type of catalyst for efficient aerobic oxidative desulfurization based on tungsten carbide synthesized by the microwave method

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Figure 1S. The HR-TEM images of WC/C (left) and W₂C/C* (right)



Figure 2S. XPS survey spectrum of the W_2C/C^*

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Figure 38. Pseudo-first-order kinetics for the oxidation of DBT

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Figure 4S. XPS spectra of the spent catalyst



Figure 5S. X-ray picture of the spent catalyst



Figure 6S. FTIR diffuse reflectance spectrum of spent catalyst