

**Oxidative desulfurization of dibenzothiophene catalyzed by
molybdenum dioxide immobilized on zirconia-modified silica**

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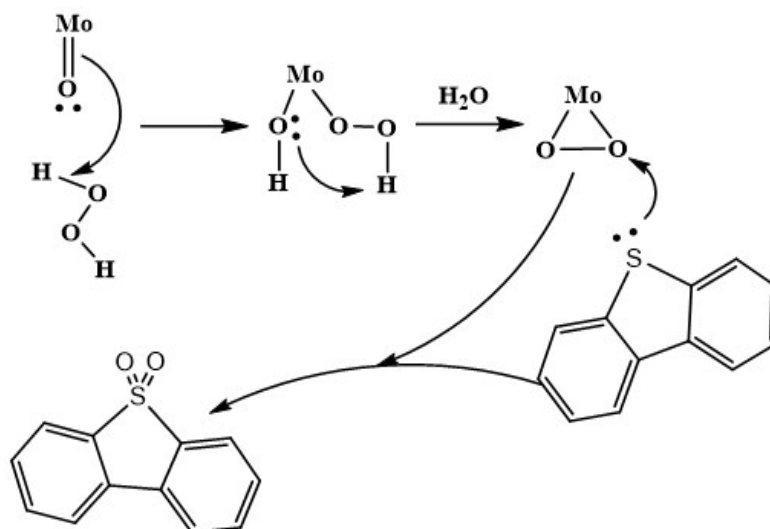


Fig. S1 The reaction mechanism of sulfur containing compounds.

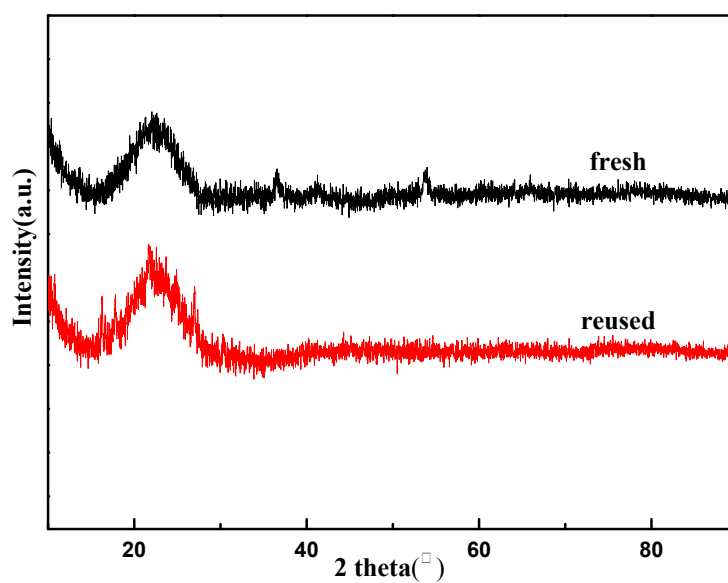


Fig. S2 XRD patterns of fresh and reused MoO₂/ZrO₂-SiO₂ catalysts.