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## 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.

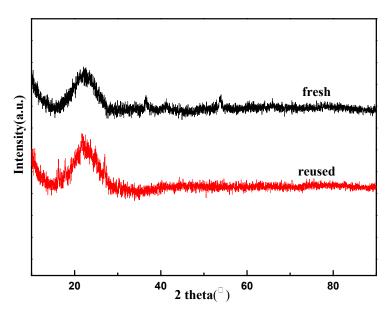


Fig. S2 XRD patterns of fresh and reused MoO<sub>2</sub>/ZrO<sub>2</sub>-SiO<sub>2</sub> catalysts.