

Supplementary materials

Influence of Carbon Content in Ni-doped Mo₂C Catalysts on CO Hydrogenation to Mixed Alcohol

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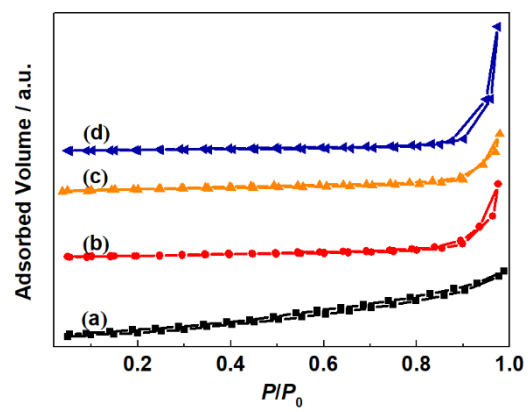


Figure S1. N₂ adsorption-desorption isotherms of (a) MC, (b) MC-Ni-1, (c) MC-Ni-1.5 and (d) MC-Ni-

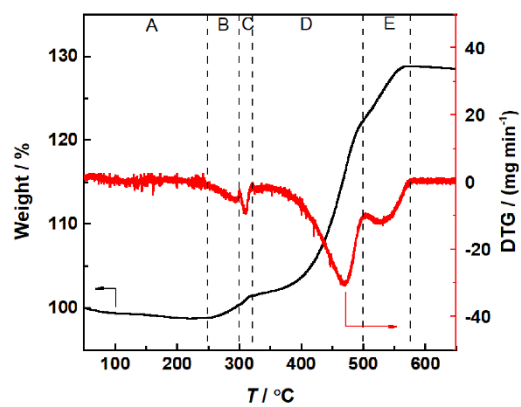


Figure S2. TG curves of MC with the heating rate of 1 °C min⁻¹ in air. 270, 305, 450 and 550 °C are chosen to represent stage B, C, D and E, respectively.

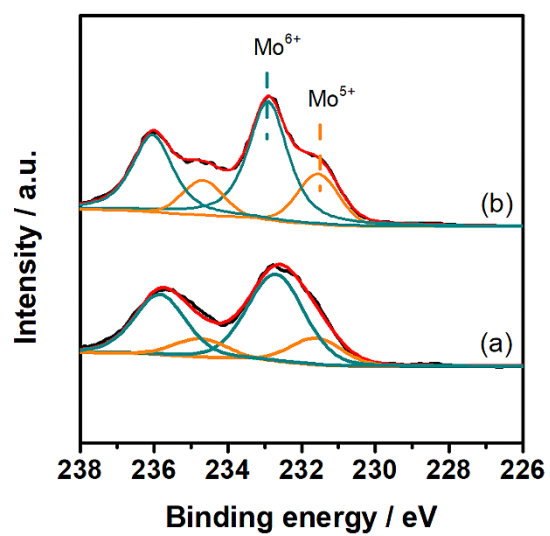


Figure S3. Mo 3d XPS spectra of (a) MC-270 and (b) MC-305.