

Structural effect on spinel-type $CuCr_xMn_{(2-x)}O_4$ catalysts for glycerol hydrogenolysis

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1,2-

propanediol(1,2-PDO)

normal co-precipitation reverse co-precipitation
650 °C

TGA, XRD, TPR, s-TPR

TGA, XRD, TPR, s-TPR, XRD, TPR,
precursor phase spinel
XRD s-TPR, 1,2-PDO