

Supplementary information

Efficient synthesis of Niobium pentoxide nanowires and application in ethanolysis of furfuryl alcohol

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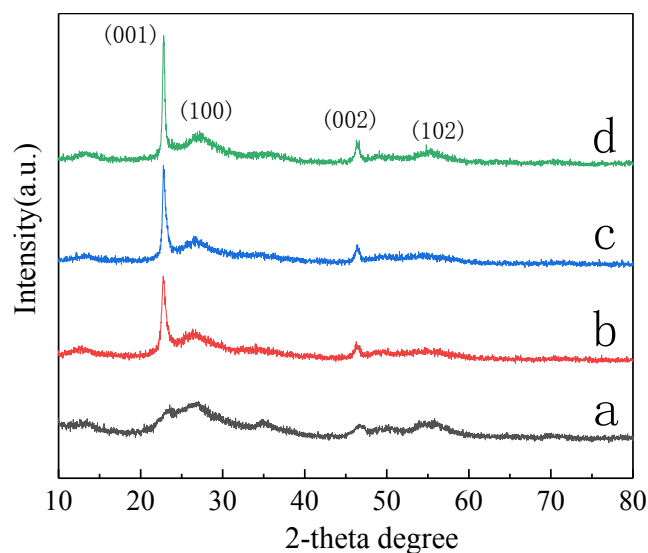


Figure S1 XRD analysis of Nb₂O₅ nanomaterials after different reaction time (a. 5h, b 10h, c 15h, d 25h.)

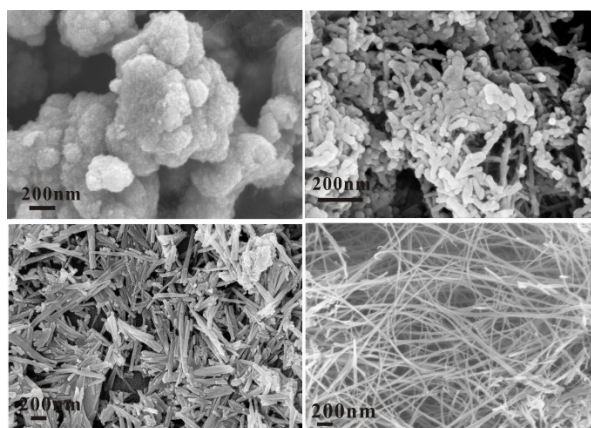


Figure S2 SEM analysis of Nb₂O₅ nanomaterials after different reaction time (a. 5h, b 10h, c 15h, d 25h.)

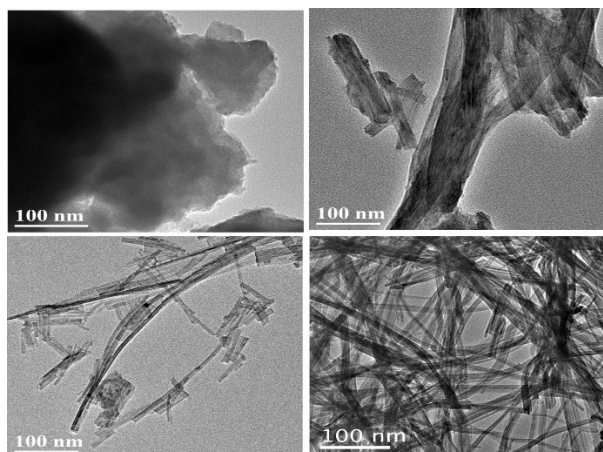


Figure S3 TEM analysis of Nb₂O₅ nanomaterials after different reaction time (a. 5h, b 10h, c 15h, d 25h.)

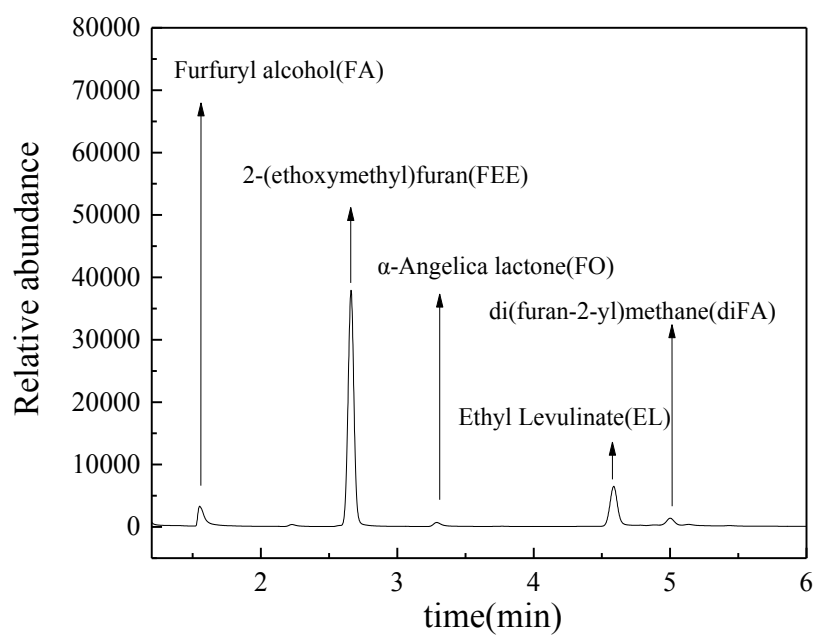


Figure S4. Gas chromatograph of the ethanolysis reaction

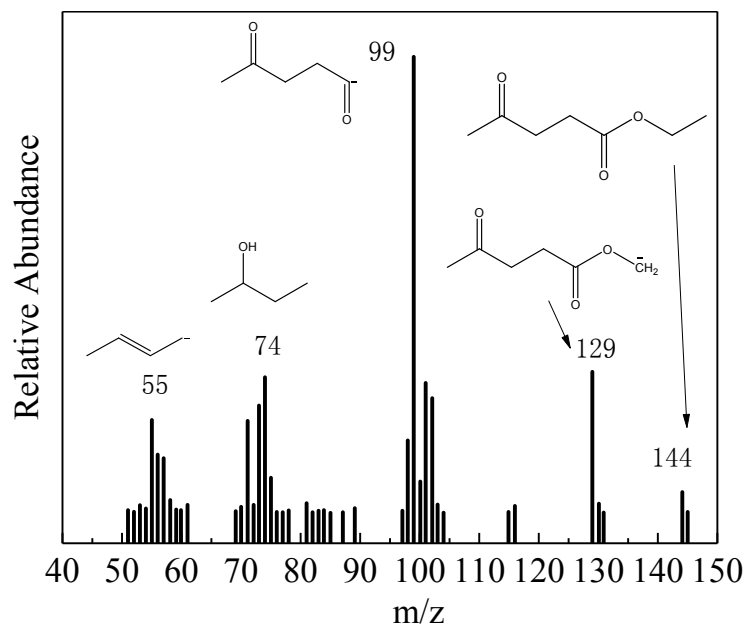


Figure S5. Mass spectrometry analysis of EL

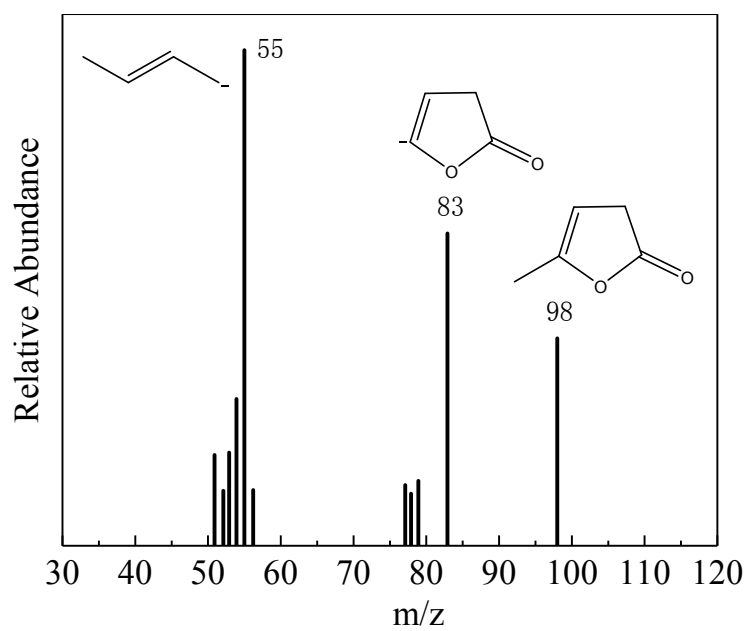


Figure S6. Mass spectrometry analysis of FO

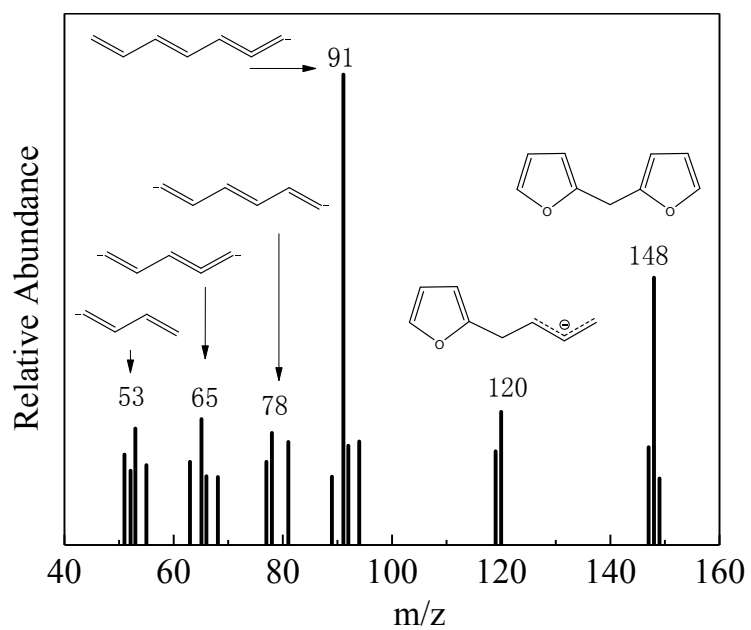


Figure S7. Mass spectrometry analysis of diFA

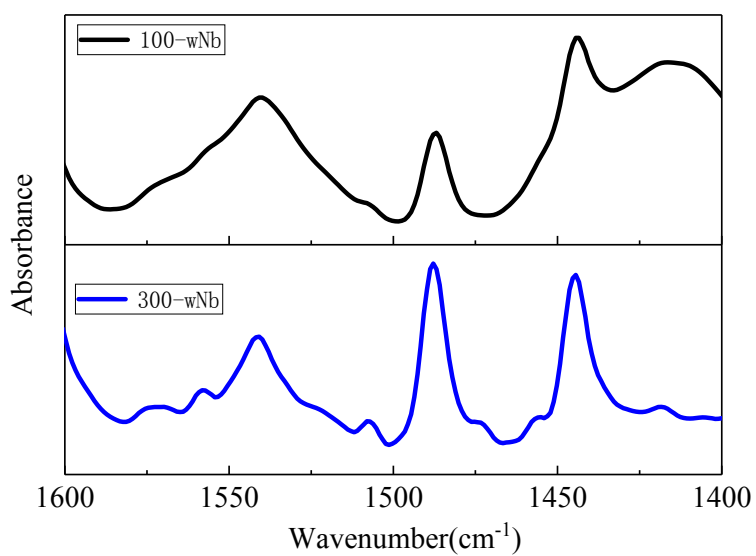


Figure S8 pyridine infrared spectroscopy analysis of 100-wNb, 300-wNb.