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Supplementary Material

Selective oxidation of 5-hydroxymethy furfural into 2,5formalde furan over Cu-acetonitrile complex

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Figure s1 (a) MS of DFF



Figure s1 (b) MS of 5-HMF



Figure s1. The mass spectra of DFF and 5-HMF



¹H NMR (400 MHz, CDCl₃) δ 9.56 (s, 1H), 7.21 (d, *J* = 3.5 Hz, 1H), 6.51 (d, *J* = 3.5 Hz, 1H), 4.71 (s, 2H), 2.73 (s, 1H).

Figure s2 (b) ¹³C NMR of 5-HMF



Figure s2 (c) ¹H NMR of DFF



¹HNMR(400 MHz, CD₃CN)δ 9.71(m, 1H), 7.39(m, 1H)



Figure s2. The NMR spectra of DFF and 5-HMF