

Supporting Information for

Transfer Hydrogenation of Organic Formates and Cyclic Carbonates: An Alternative Route to Methanol from Carbon Dioxide

Seung Hyo Kim and Soon Hyeok Hong*

Department of Chemistry, College of Natural Sciences, Seoul National University, 599 Gwanak-ro, Gwanak-gu, Seoul 151-747, Republic of Korea.

Korea Carbon Capture Sequestration R&D Center (KCRC), Daejeon 305-303, Republic of Korea.

E-mail: soonhong@snu.ac.kr

Table of Contents

Contents:

¹ H NMR Spectra for Deuterium Incorporation Study (Figures S1–S3)	S2
GC Charts for Transfer Hydrogenation (Figure S4)	S4
¹ H NMR Spectra (Figure S5)	S6

Figure S1. ^1H NMR Spectra for Deuterium Incorporation Study (entries 1, 2, and 6, Table 5)

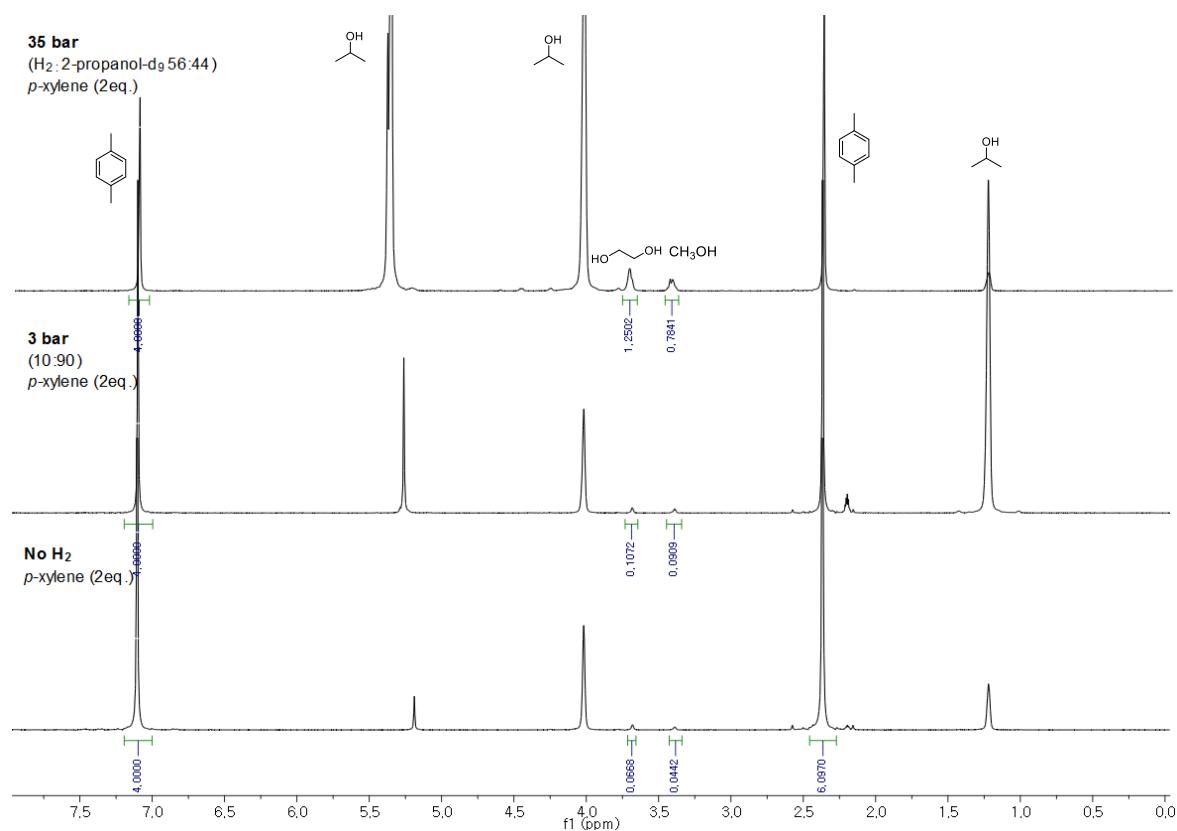


Figure S2. ^1H NMR Spectra for Deuterium Incorporation Study (entries 3, 5, and 7, Table 5)

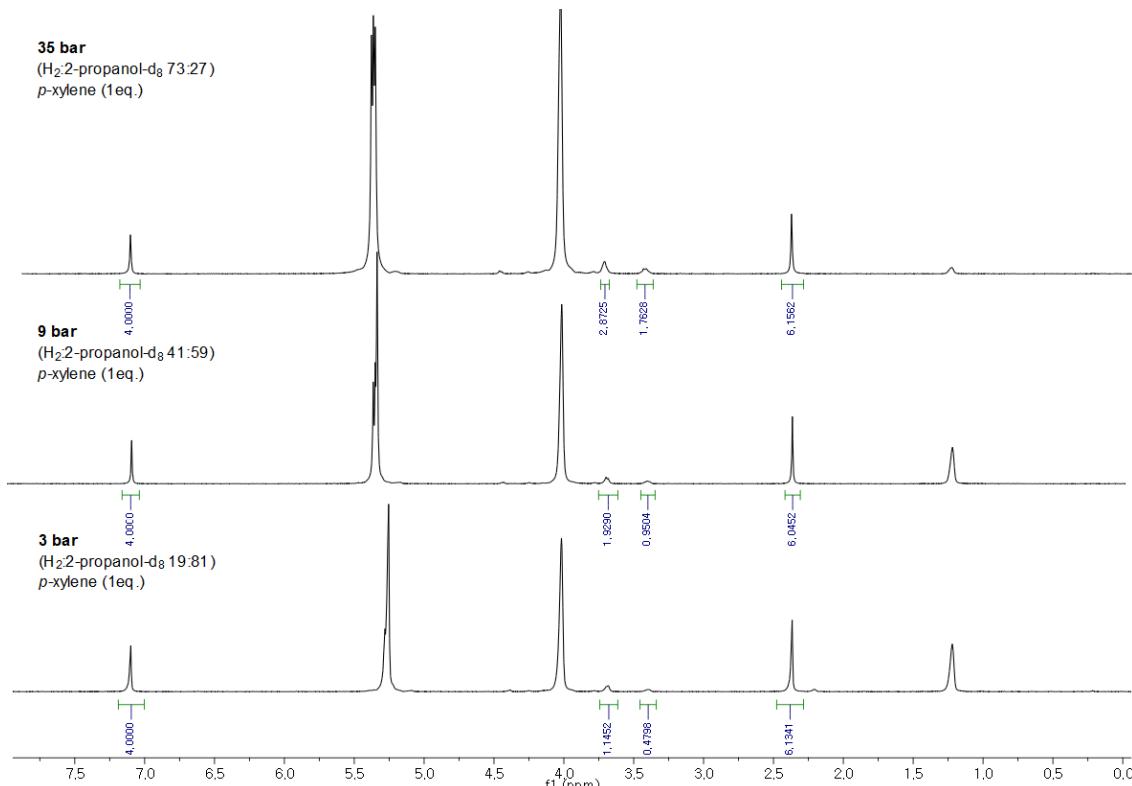


Figure S3. ^1H NMR Spectra for Deuteration of 1,2-Ethanediol and Methanol

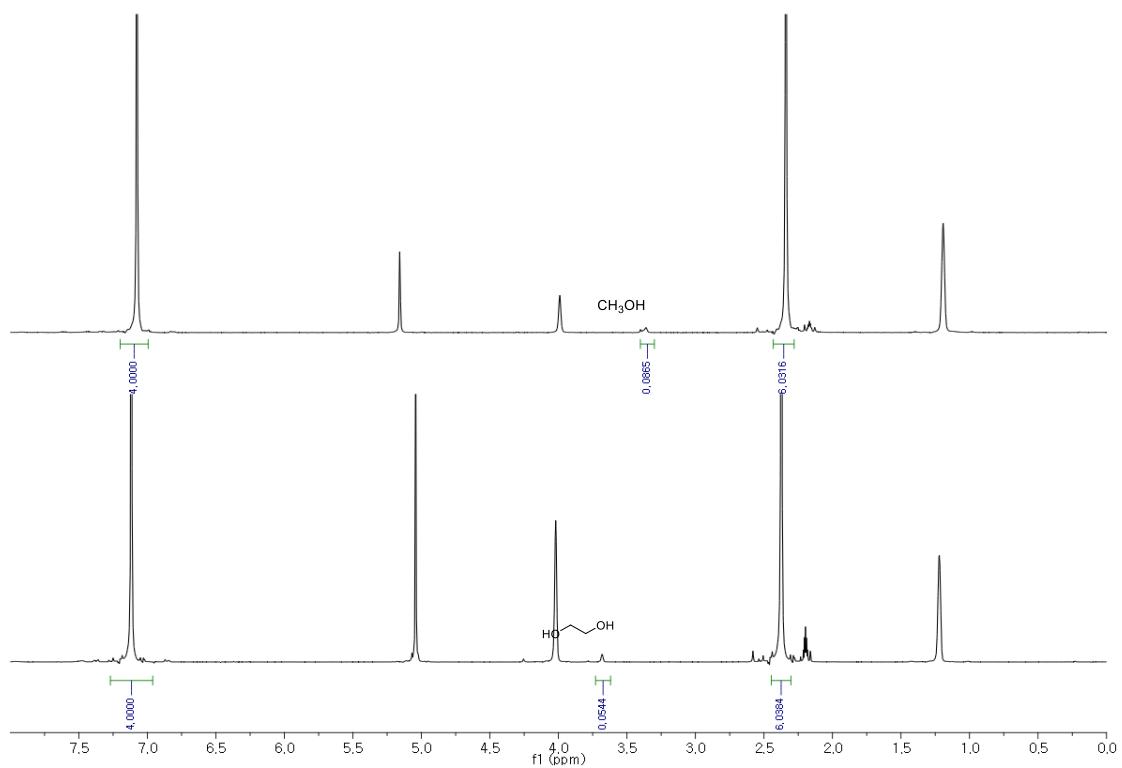
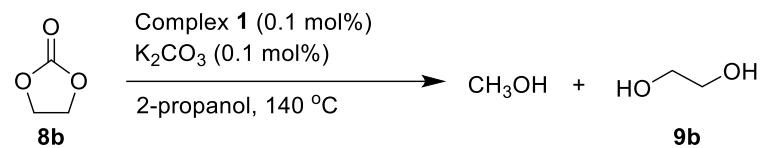
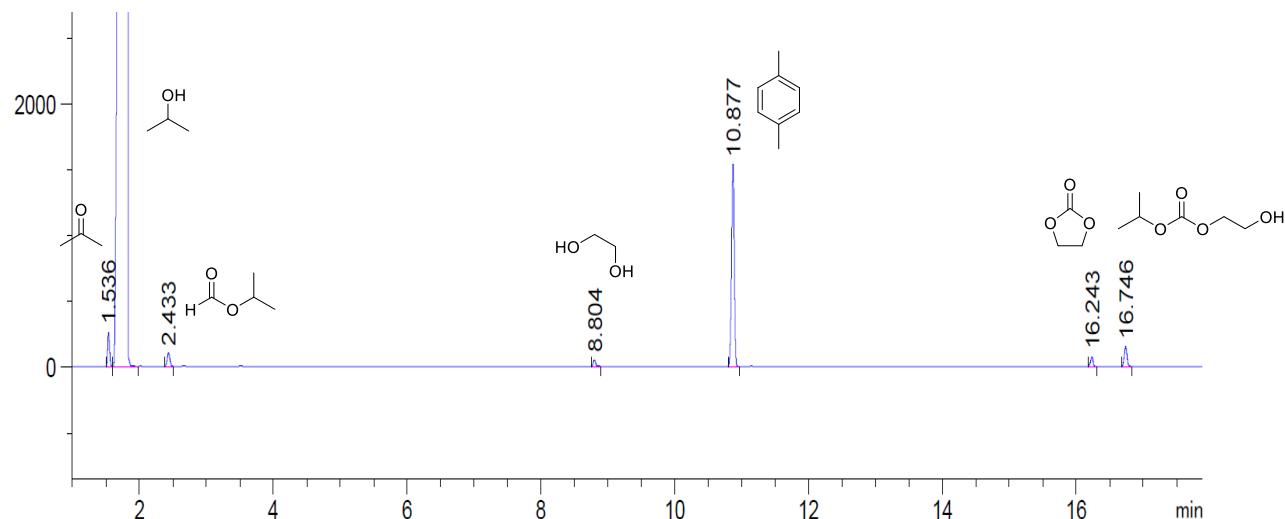


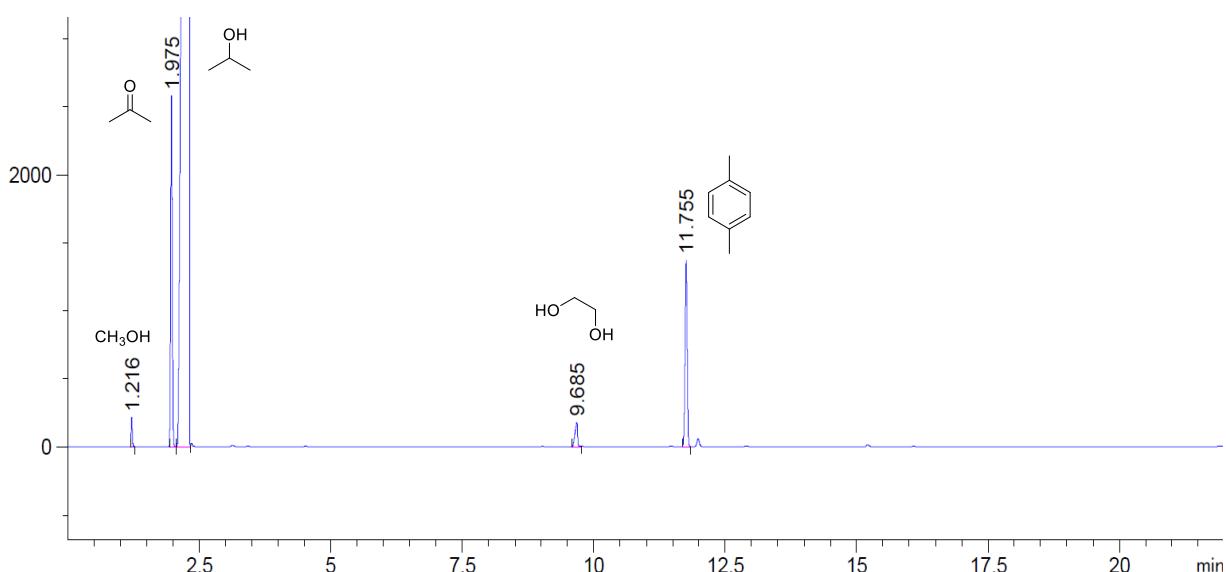
Figure S4. GC Charts for Transfer Hydrogenation



5 min



3 h



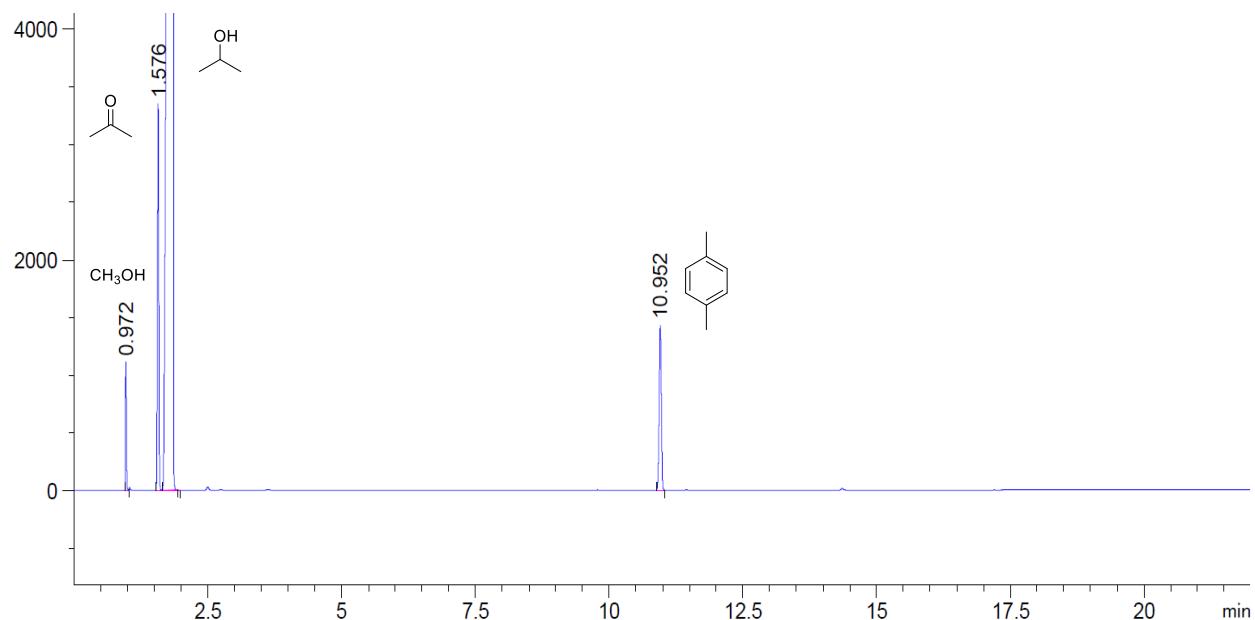
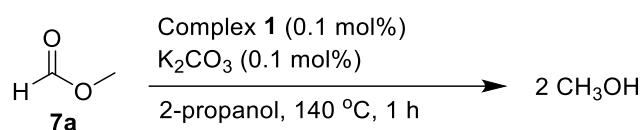
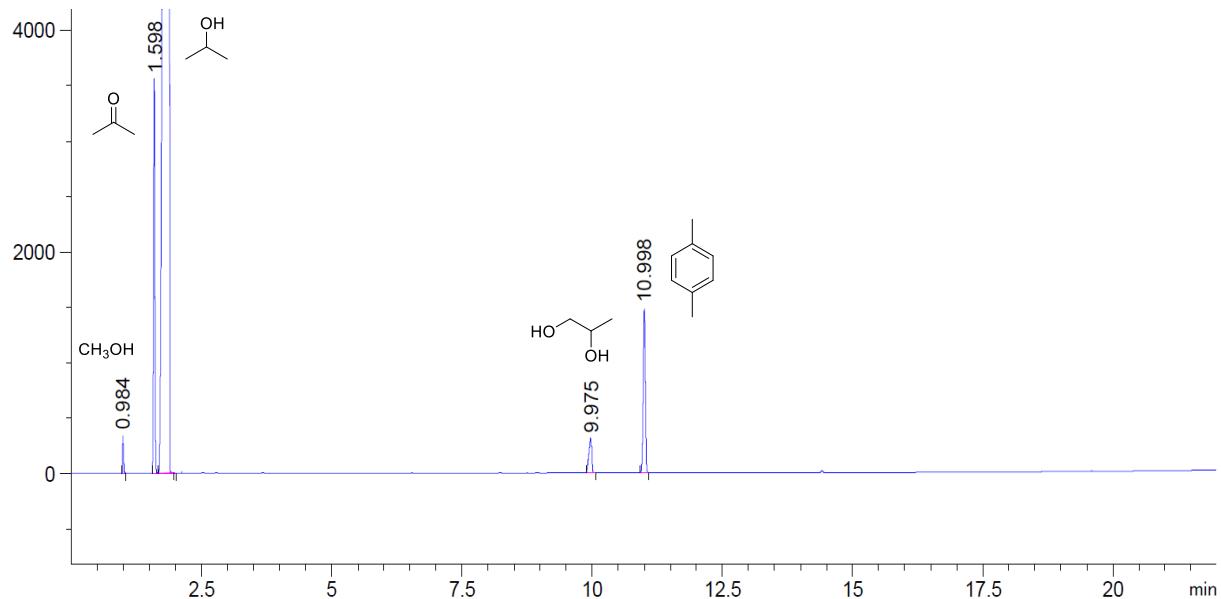
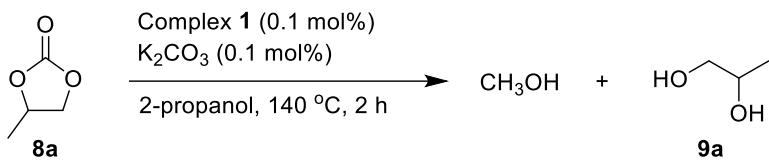


Figure S5. ^1H NMR Spectra

