

Supplementary

CO₂ Absorption Mechanism by the Nonaqueous Solvent Consisting of Hindered Amine 2-[(1,1-dimethylethyl)amino]ethanol and Ethylene Glycol

Ran Li ¹, Congyi Wu ² and Dezhong Yang ^{2,*}

¹ School of Earth Sciences and Resources, China University of Geosciences, Beijing 100083, China; ran594244379@163.com

² School of Science, China University of Geosciences, Beijing, 100083, China; wucongyi@cugb.edu.cn

* Correspondence: yangdz@cugb.edu.cn

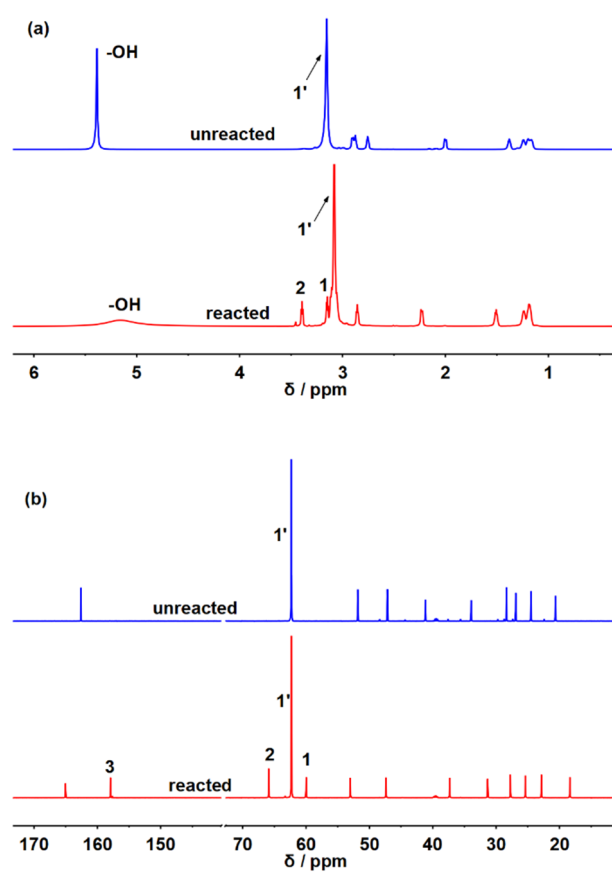


Figure S1. The ^1H (a) and ^{13}C NMR (b) spectra of DBU-EG before and after CO_2 absorption.

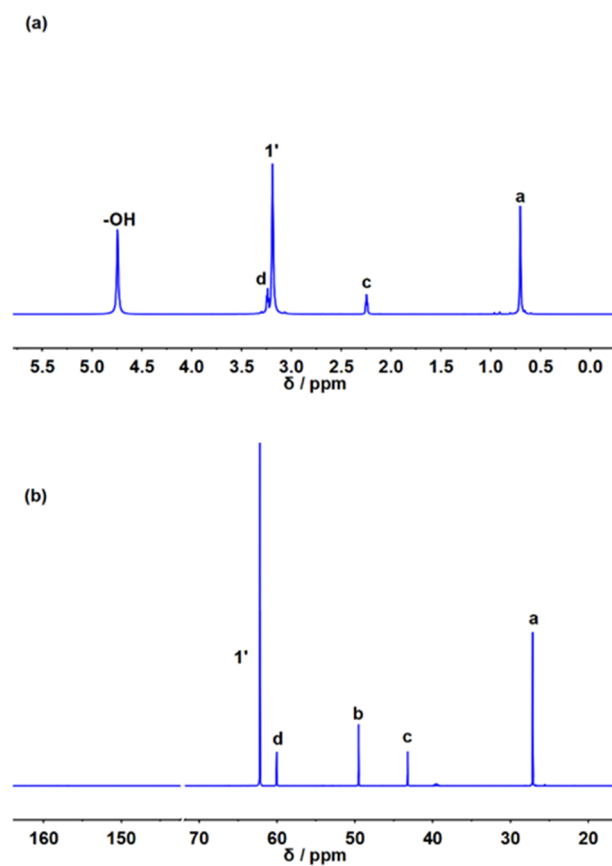


Figure S2. The ^1H (a) and ^{13}C NMR (b) spectra of TBAE-EG after CO_2 desorption.

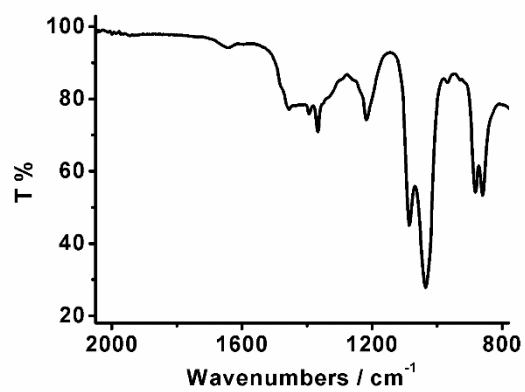


Figure S3. The FTIR spectra of TBAE-EG after CO_2 desorption.