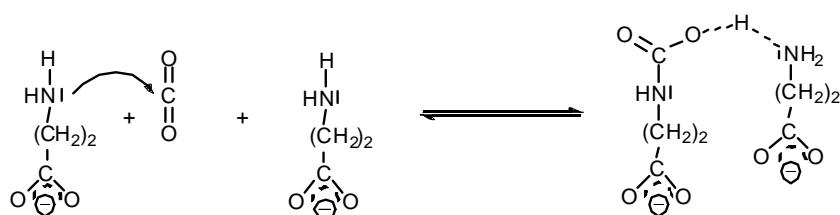


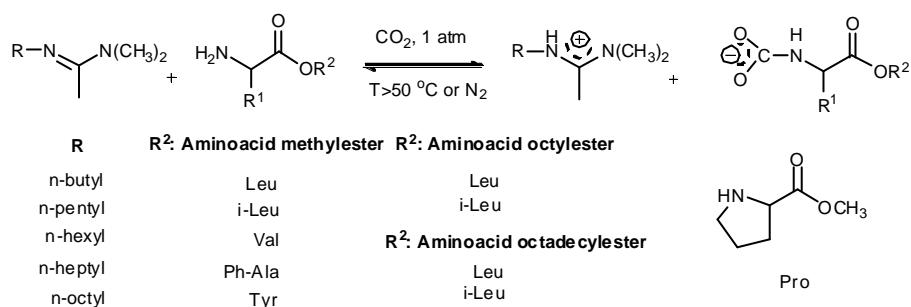
Why are Ionic Liquids attractive for CO₂ Absorption? – An Overview

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This supporting information contains additional illustrations relating to compounds discussed in the published journal article.

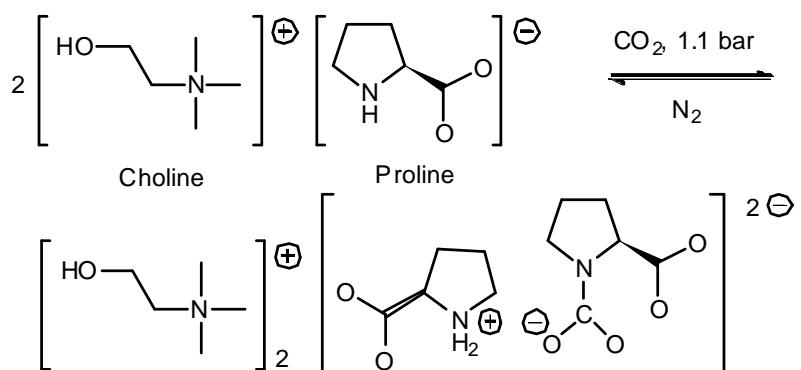


Scheme S1. Mechanism for the interaction of CO₂ with amino acids and formation of carbamates.^[1]

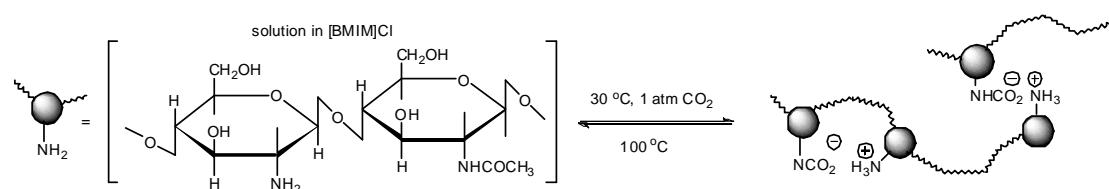


Scheme S2. Reaction between alkylamidines, CO₂, and aminoacid esters yielding ionic liquids.^[2]

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Scheme S3. Reactivity of [choline][proline] supported on PEG 200 with CO_2 .^[3]



Scheme S4. Reaction of a Chitosan/[bmim][Cl] solution with CO_2 .^[4]

Reference

- [1] M. D. Soutullo, C. I. Odom, B. F. Wicker, C. N. Henderson, A. C. Stenson, J. H. J. Davis, *Chem. Mater.* **2007**, *19*, 3581.
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Supplement Caption

Scheme S1. Mechanism for the interaction of CO₂ with amino acids and formation of carbamates.^[1]

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