

Supporting information

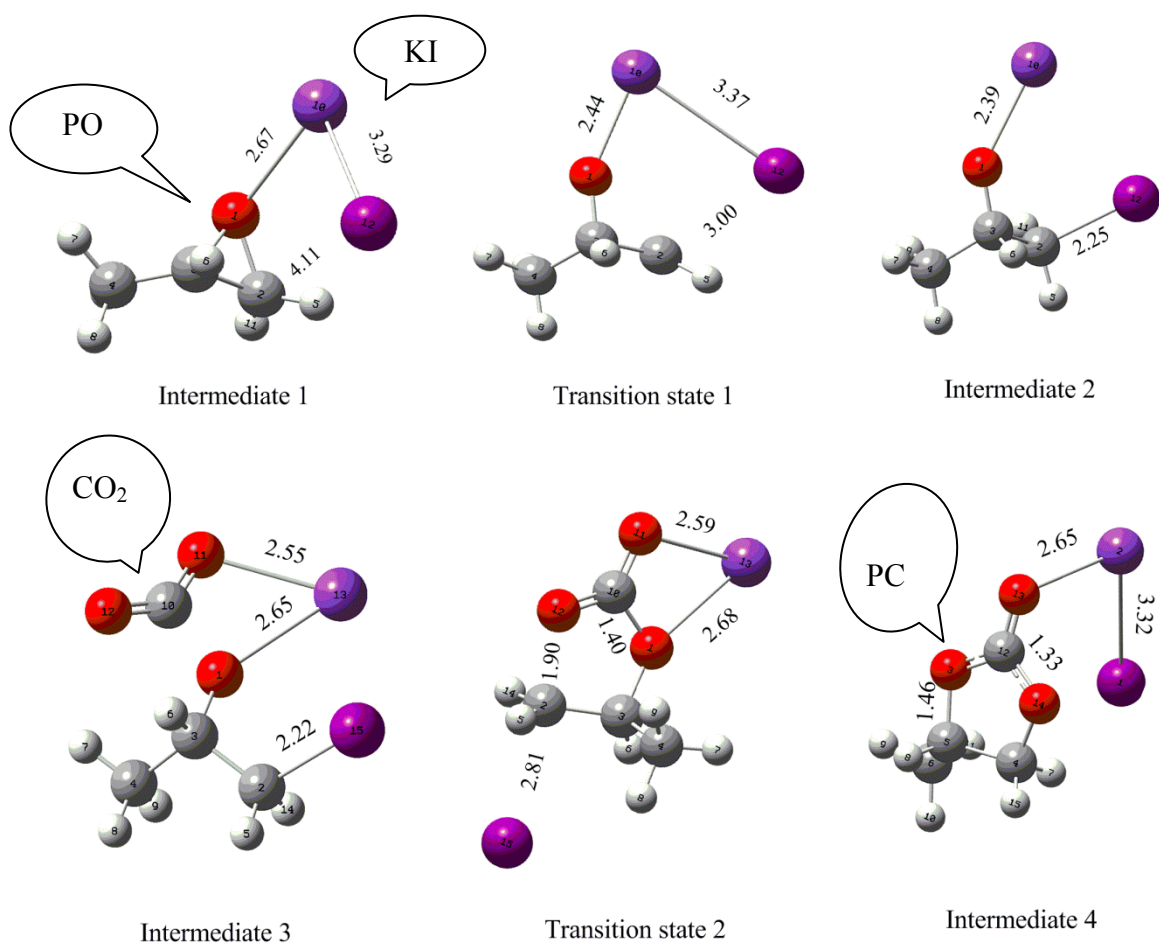
Amino acid/KI as multi-functional synergistic catalysts for cyclic carbonate synthesis from CO₂ under mild reaction conditions: A DFT corroborated study

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DFT figures

Gauss view was applied to visualize the structures

Path A: KI catalyzed cycloaddition of CO₂ with Propylene oxide forming Propylene carbonate



S2

Path B: KI-Glycine catalyzed cycloaddition of CO₂ with Propylene oxide forming Propylene carbonate

