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CO₂ + ionic liquid biphasic system for reaction/product separation in the synthesis of cyclic carbonates

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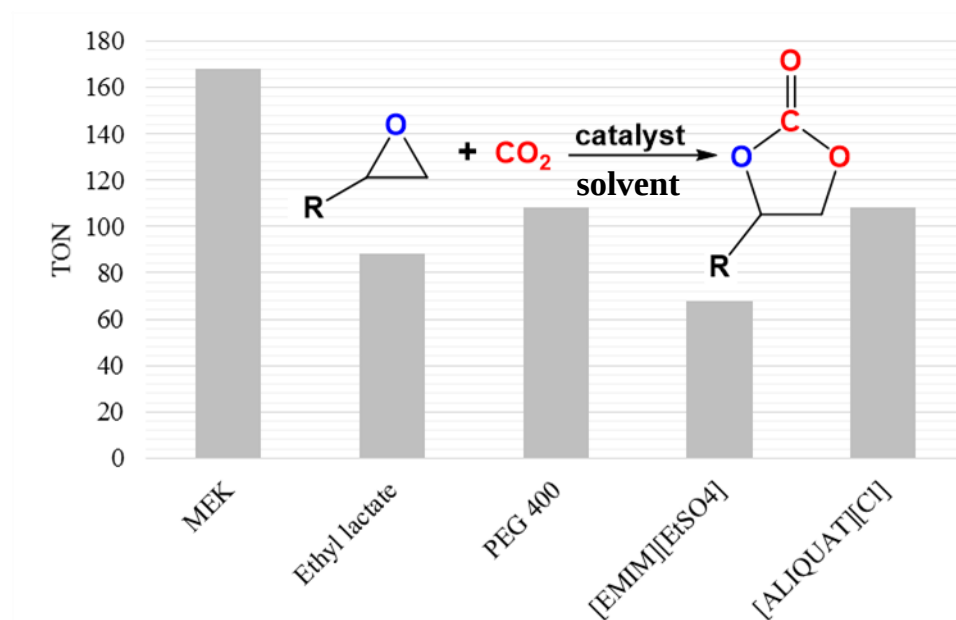
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Graphical Abstract:



Highlights:

- CO₂ /IL biphasic system was used for the production of propylene carbonate from CO₂ and epoxide
- CO₂ was used as reactant and solvent for product recovery (from reaction mixture)

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