

# The Role of Brønsted and Lewis Acidity in the Green Synthesis of Homopropargyl Alcohols over HZSM-5

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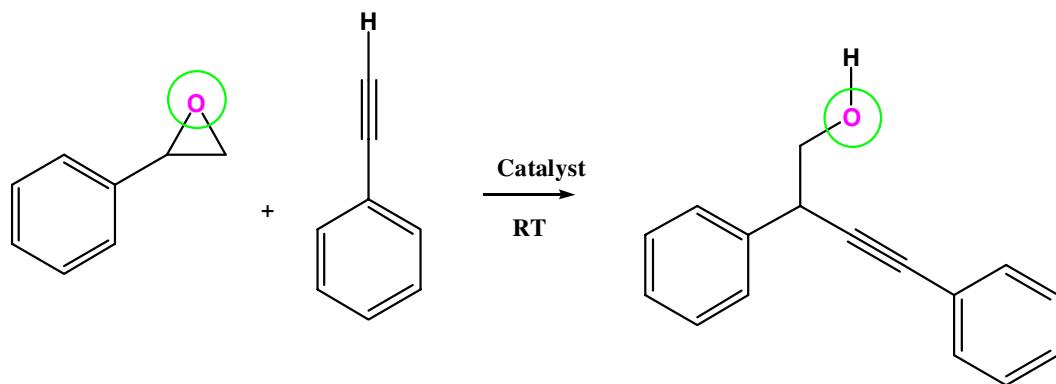
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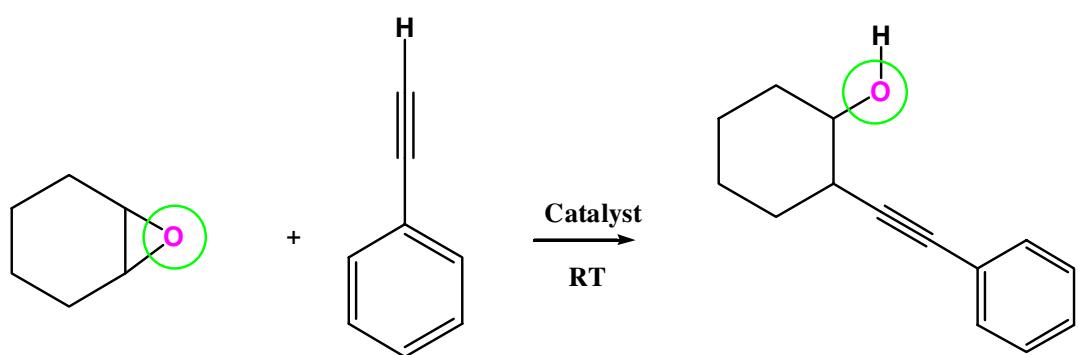
## *Supplementary Information*

**Table S1** Molecular sizes of reactants

| Compound          | Molecular size (Å) |
|-------------------|--------------------|
| Styrene oxide     | 7.29 x (5.5 to 6)  |
| Phenyl acetylene  | 7.7 x (5.5 to 6)   |
| Cyclohexene oxide | 4.92 x (5.5 to 6)  |



Styrene oxide + phenyl acetylene



Cyclohexene oxide + phenyl acetylene