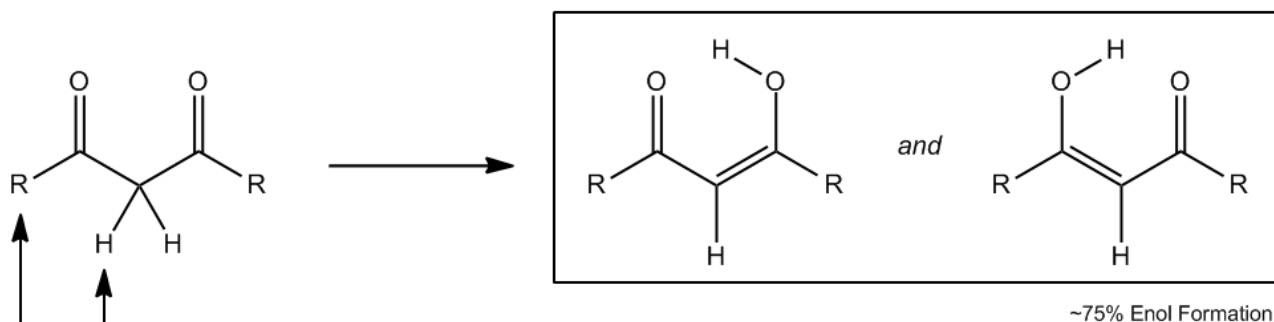


CONCEPT: β -DICARBONYL ESTER SYNTHESIS—PATHWAY

β -dicarbonyl compounds are unusually acidic due to the incredible stability of the enolate.



We can take advantage of this acidity to easily alkylate the central α -carbon through a predictable multi-step synthesis.

β -dicarbonyl Ester Synthetic Pathway

