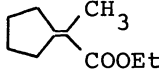
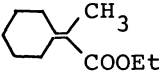
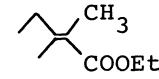
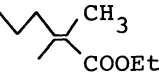
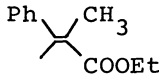
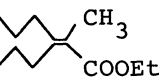
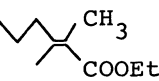
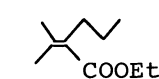
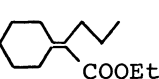




Table I. Product yields obtained by reaction of carbanion II with carbonyl compounds

Carbanion (II)	R	Carbonyl compound	Reaction (°C), (h)	Product	Yield [%]	E/Z Ratio	b.p. °C/Torr
CH <sub>3</sub>		Cyclopentanone	-78, 1 25, 4		60		67/1.3
CH <sub>3</sub>		Cyclohexanone	-78, 1 25, 1		90		71-72/1.0
CH <sub>3</sub>		2-Butanone	-78, 1 25, 4		74	50/50	73.5/13
CH <sub>3</sub>		2-Hexanone	-78, 1 25, 4		74	45/55	88-100/10
CH <sub>3</sub>		Acetophenone	-78, 1 25, 4		77	71/29	86/1.2
CH <sub>3</sub>		5-Nonanone	-78, 1 25, 4		38		92/1.2
CH <sub>3</sub>		6-Methyl-5-hepten-2-one	-78, 1 25, 4		85	45/55	86.5-88.5/1.3
CH <sub>3</sub> CH <sub>2</sub> CH <sub>2</sub>		Acetone	-78, 1 25, 4		40		91-92/22
CH <sub>3</sub> CH <sub>2</sub> CH <sub>2</sub>		Cyclohexanone	-78, 3.5 25, 3		60		85/0.9

The present route to trisubstituted  $\alpha,\beta$ -unsaturated esters is attractive because of the mild reaction conditions, experimental simplicity, and reasonable yields (isolated).

## References and Notes

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