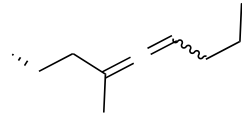


! " # \$ % ' () * + , - , & " . & / 0 1 2 3 4 -) - 5 + % &) & 6 &



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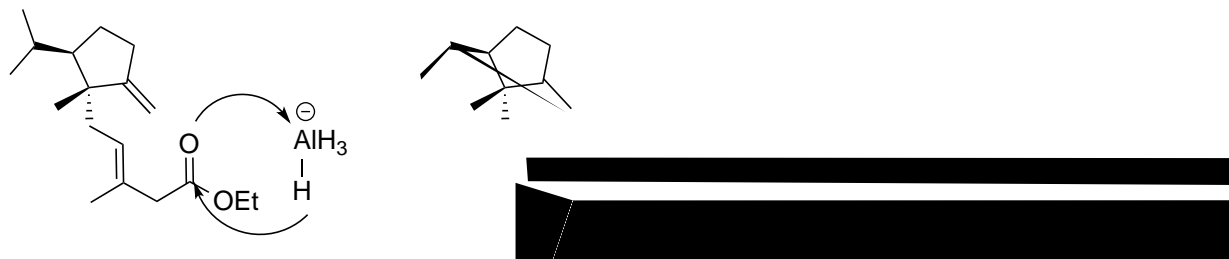
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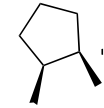
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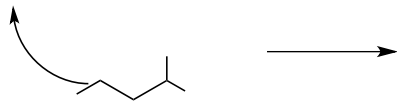
Mechanism d: Horner-Wadsworth-Emmons olefination
See mechanism a



!"#\$%&'()*+,-./01234-)-5+%/&6&



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! " # \$ % ' () * + , - , & " . & / 0 1 2 3 4 -) - 5 + % &) & 6 &





