

Q1: Give structures **A**, **B** and **C**.

compound **A** : IR 1655 cm⁻¹

compound **B** : ¹³C NMR δ (ppm): 141.0, 128.8, 128.1, 127.1, 82.0, 73.9, 73.3, 63.3, 43.0, 27.7, 27.6, 24.4, 16.0

compound **C** : IR 1670 cm⁻¹

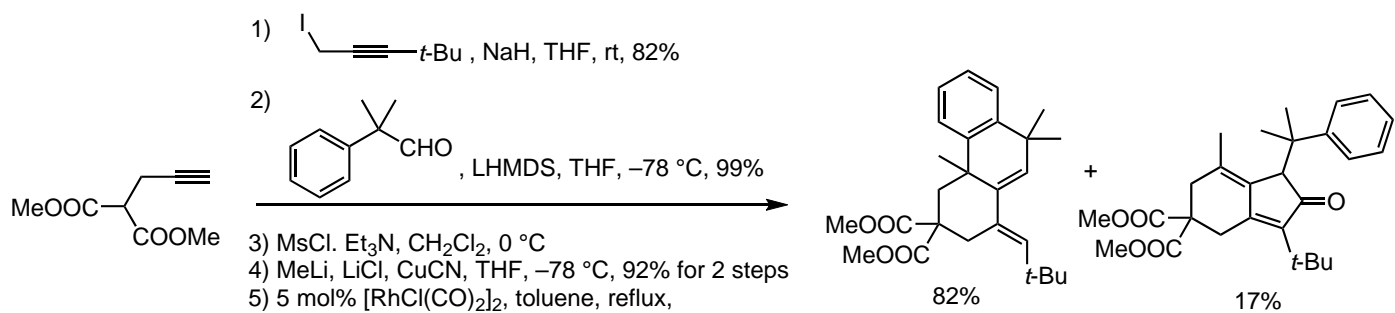
¹³C NMR δ (ppm): 173.6, 140.3, 128.5, 127.4, 127.2, 75.6, 72.3, 51.0, 50.5, 47.9, 28.8, 26.4, 16.0

Q2: Propose a preparation method of **SM** (commercially available).

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