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**Intermolecular Tandem Addition-Cyclization Reaction
of Bromoallenes: A Facile Synthesis of
Methylenecyclopropyl Carboxylates and
Polysubstituted Furans**

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Dimethyl 2-(non-1-yn-3-yl)malonate :

Oil. ^1H NMR (400 MHz, CDCl_3): δ 3.75 (d, $J = 4$ Hz, 6 H), 3.49 (d, $J = 9.2$ Hz, 1 H), 3.17-3.12 (m, 1 H), 2.12 (d, $J = 2.0$ Hz, 1 H), 1.58-1.43 (m, 4 H), 1.42-1.25 (m, 6 H), 0.88 (m, 3 H). ^{13}C NMR (100 MHz, CDCl_3) δ 167.7 (d, $J = 6.8$ Hz), 83.3, 71.1, 56.1, 52.6 (d, $J = 4.5$ Hz), 32.3, 31.6, 31.5, 28.7, 26.8, 22.5, 13.9. IR (neat): 3304, 1740. MS (EI): m/z (%) 255 ($\text{M}^+ + 1$, 100), 169 (97.5). Anal. Calcd. for $\text{C}_{14}\text{H}_{22}\text{O}_4$: C, 66.12; H, 8.72; Found: C, 66.03; H, 8.79.