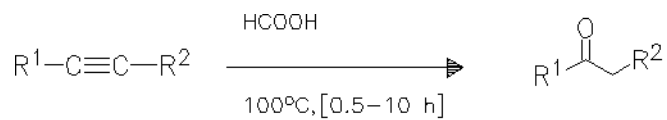


ketones (acyclic compounds)

P 0200

41 - 099

**The Reaction of Alkynes and Formic Acid.** — The alkynes (I) are heated in formic acid at 100°C to yield regioselectively the ketones (II). — (MENASHE, N.; RESHEF, D.; SHVO, Y.; J. Org. Chem. 56 (1991) 8, 2912-2914; School Chem., Raymond a. Beverly Sackler Fac. Exact Sci., Univ., Tel- Aviv 69978, Israel; EN)



I

II

a R <sup>1</sup> : —(CH <sub>2</sub> ) <sub>5</sub> —Me ; R <sup>2</sup> : —H	92%
b R <sup>1</sup> , R <sup>2</sup> :—Pr	83%
c R <sup>1</sup> : —Ph ; R <sup>2</sup> : —H	96%
d R <sup>1</sup> : —Ph ; R <sup>2</sup> : —(CH <sub>2</sub> ) <sub>4</sub> —Me	89%
e R <sup>1</sup> , R <sup>2</sup> :—Ph	96%