The Solvent-free and Catalyst-free Conversion of an Aziridine to an Oxazolidinone Using Only Carbon Dioxide

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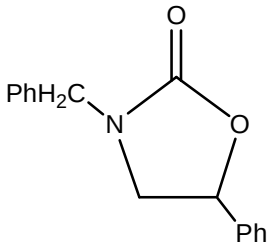
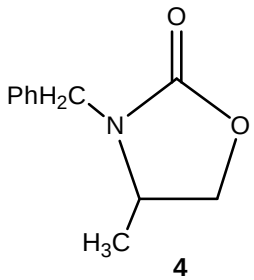
Supporting Information

NMR Spectroscopic Data of Oxazolidinones



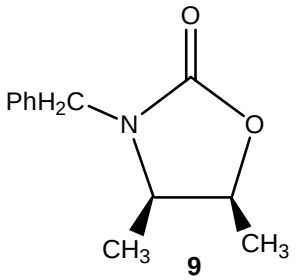
2

Compound **2**: ^{1}H NMR: δ 3.26 (dd, *J* = 7.7, 8.7 Hz, 1 H), 3.72 (t, *J* = 8.7 Hz, 1H), 4.37 (d, *J* = 15.3 Hz, 1H), 4.49 (d, *J* = 15.3 Hz, 1H), 5.41 (dd, *J* = 7.7, 8.7 Hz, 1 H), 7.30 (m, 10H); ^{13}C NMR: δ 48.2, 51.3, 74.3, 125.3, 127.8, 127.9, 128.7, 138.4, 157.8.



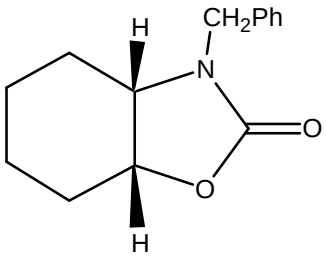
4

Compound **4**: ^{1}H NMR: δ 1.20 (d, *J* = 6.0 Hz, 3 H), 3.67 (quintet, *J* = 7.7 Hz, 1H), 3.82 (t, *J* = 7.7 Hz, 1H), 4.11 (d, *J* = 15.3 Hz, 1H), 4.35 (t, *J* = 8.2 Hz, 1H), 4.74 (d, *J* = 15.3 Hz, 1H), 7.28 (s, 5H); ^{13}C NMR: δ 20.6, 48.3, 50.7, 70.2, 127.9, 128.0, 128.8, 135.8, 150.1.



9

Compound **9**: ^{1}H NMR: δ 1.10 (d, *J* = 6.2 Hz, 3 H), 1.33 (d, *J* = 5.6 Hz, 3 H), 3.65 (pent, *J* = 6.8 Hz, 1 H), 4.03 (d, *J* = 14.9 Hz, 1 H), 4.61 (pent, *J* = 6.7 Hz, 1H), 4.82 (d, *J* = 15.5 Hz, 1 H), 7.30 (m, 5 H); ^{13}C NMR: δ 12.6, 15.0, 45.8, 53.2, 73.8, 127.9-128.9, 136.4, 158.1.



11

Compound **11**: ^{1}H NMR: δ 1.16 (m, 1H), 1.42 (m, 4H), 1.67 (m, 3H), 3.41 (q, *J*= 6.5 Hz, 1H), 3.93 (d, *J*= 15.1 Hz, 1H), 4.35 (dt, *J*= 5.1, 6.5 Hz, 1H), 4.66 (d, *J*= 15.1 Hz, 1H), 7.21 (s, 5H); ^{13}C NMR: δ 19.3, 19.4, 25.1, 45.6, 53.3, 73.2, 127.5, 129.9, 128.5, 136.1, 158.7.