



Spektrendatenbank für die NMR-Spektroskopie

1. Typische „Archivierung“ von NMR-Daten im Publikationsformat

3-Phenylisoindolin-1-one (7a): the title compound was obtained as a white solid

(74% yield). $R_f = 0.11$ (SiO₂, EtOAc/c-Hex = 1:3); **mp.** = 219

°C; ¹H NMR (300 MHz, DMSO): δ 9.07 (s, 1H, H-2), 7.72-

7.70 (m, 1H, H-8), 7.56-7.45 (m, 2H), 7.39-7.27 (m, 6H), 5.73

(s, 1H, H-3); ¹³C NMR (75 MHz, DMSO): δ 169.6 (s, C-1),

148.1 (s, C-4), 139.6 (s, C-1'), 131.8 (d), 131.3 (s, C-9), 128.8

(d), 128.1 (d), 127.9 (d), 126.5 (d), 123.5 (d), 122.9 (d), 59.5 (d, C-3); **IR** (ATR): ν

[cm⁻¹] = 3231 (br), 2920 (m), 2851 (w), 1688 (vs), 1612 (w), 1492 (w), 1467 (m),

1453 (w), 1353 (w), 1317 (w), 1191 (w), 1135 (w), 1027 (w), 739 (s), 698 (vs); **HR**

MS (ESI, C₁₄H₁₁NONa) calc.: 232.0733 u found: 232.075 u;

