Addition and correction

Efficient Synthesis of the Indoloazocine Framework via Intramolecular Alkyne Carbocyclization

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Supporting Information

2j; R=Bn
2k; R=Me

3-benzyl-5-methylene-2,3,5,6-tetrahydroazepino[4,5-b]indol-4(1H)-one (**2j**).

¹H NMR (CDCl₃, 300 MHz): δ 9.00 (bs, 1H), 7.47-7.26 (m, 7H), 7.24-7.15 (m, 1H), 7.13-7.03 (m, 1H), 5.94 (s, 1H), 5.75 (s, 1H), 4.78 (s, 2H), 3.78-3.60 (m, 2H), 2.90-2.76 (m, 2H); **¹³C NMR (CDCl₃, 75 MHz):** δ 170.4, 138.3, 137.4, 136.3, 129.0, 128.7, 128.3, 128.2, 127.6, 123.2, 120.6, 119.7, 118.6, 113.1, 111.3, 50.6, 47.0, 24.5; **¹³C DEPT-135 NMR (CDCl₃, 100 MHz):** δ 128.8, 128.2, 127.6, 123.2, 120.6 (C¹), 119.7, 118.6, 111.3, 50.6 (CH₂), 47.0 (CH₂), 24.5 (CH₂).

3-methyl-5-methylene-2,3,5,6-tetrahydroazepino[4,5-b]indol-4(1H)-one (**2k**).

¹H NMR (CDCl₃, 400 MHz): δ 8.87 (bs, 1H), 7.47 (d, 1H, J = 7.9 Hz), 7.39 (d, 1H, J = 7.9 Hz), 7.25-7.17 (m, 1H), 7.15-7.05 (m, 1H), 5.84 (s, 1H), 5.68 (s, 1H), 3.82-3.64 (m, 2H), 3.18 (s, 3H), 3.05-2.90 (m, 2H); **¹³C NMR (CDCl₃, 100 MHz):** δ 170.1, 138.3, 136.2, 129.1, 128.3, 123.2, 120.0, 119.8, 118.6, 113.1, 111.2, 49.5, 34.8, 24.0; **¹³C DEPT-135 NMR (CDCl₃, 100 MHz):** δ 123.2, 120.1 (C¹), 119.8, 118.6, 111.2, 49.5 (CH₂), 34.9, 24.1 (CH₂).