

Appendix

5-Bromo-2-methylaniline (7).

Anal. Calcd. for $C_7H_8BrN \cdot HCl$: C, 37.79; H, 4.08; N, 6.29.

Found: C, 37.91; H, 3.92; N, 6.22.

5-Bromo-2-methylphenylhydrazine Hydrochloride (8).

Anal. Calcd. for $C_7H_9BrN_2 \cdot HCl$: C, 35.40; H, 4.24; N, 11.79.

Found: C, 35.40; H, 4.16; N, 11.78.

4-Bromo-7-methyl Tryptophol (11).

Anal. Calcd for $C_{11}H_{12}BrNO$: C, 51.99; H, 4.76; N, 5.51.

Found: C, 51.74; H, 4.92; N, 5.28.

5-Bromo-8-methyl-1-propyl-1,3,4,9-tetrahydropyrano[3,4-*b*]indole-1-acetic Acid

Ethyl Ester (13).

Anal. Calcd for $C_{19}H_{24}BrNO_3$: C, 57.88; H, 6.14; N, 3.55.

Found: C, 57.63; H, 5.91; N, 3.74

**5-Cyano-8-methyl-1-propyl-1,3,4,9-tetrahydropyrano[3,4-*b*]indole-1-acetic Acid
Ethyl Ester (14).**

Anal. Calcd for C₂₀H₂₄N₂O₃: C, 70.57; H, 7.11; N, 8.23.

Found: C, 70.27; H, 6.92; N, 8.18.

**5-Cyano-8-methyl-1-propyl-1,3,4,9-tetrahydropyrano[3,4-*b*]indole-1-acetic Acid
(15).**

Anal. Calcd for C₁₈H₂₀N₂O₃: C, 69.21; H, 6.45; N, 8.97.

Found: C, 68.97; H, 6.84; N, 8.80.

**[(R)-5-cyano-8-methyl-1-propyl-1,3,4,9-tetrahydropyrano[3,4-*b*]indol-1-yl]acetic
acid (16)**

Anal. Calcd for C₁₈H₂₀N₂O₃: C, 69.21; H, 6.45; N, 8.97.

Found: C, 69.19; H, 6.32; N, 8.90.

**[(S)-5-cyano-8-methyl-1-propyl-1,3,4,9-tetrahydropyrano[3,4-*b*]indol-1-yl]acetic
acid (27).**

Anal. Calcd for C₁₈H₂₀N₂O₃: C, 69.21; H, 6.45; N, 8.97.

Found: C, 68.94; H, 6.42; N, 9.28.

5-Chloro-1,3,4,9-tetrahydro-1-propylpyrano[3,4-*b*]indole-1-acetic acid (20).

Anal. Calcd for C₁₆H₁₈ClNO₃: C, 62.44; H, 5.89; N, 4.55.

Found: C, 62.43; H, 5.62; N, 4.39.

(5-Cyano-8-fluoro-1-propyl-1,3,4,9-tetrahydro-pyrano[3,4-*b*]indol-1-yl)-acetic acid (21).

Anal. Calcd for C₁₇H₁₇FN₂O₃: C, 64.55; H, 5.42; N, 8.86.

Found: C, 64.61; H, 5.27; N, 8.86.

(5-cyano-6-fluoro-8-methyl-1-propyl-1,3,4,9-tetrahydropyrano[3,4-*b*]indol-1-yl)acetic acid (22).

Anal. Calcd for C₁₈H₁₉FN₂O₃: C, 65.44; H, 5.80; N, 8.48.

Found: C, 65.43; H, 5.86; N, 8.44.

[(1*R*)-5-cyano-8-fluoro-1-propyl-1,3,4,9-tetrahydropyrano[3,4-*b*]indol-1-yl]acetic acid (28).

Anal. Calcd for C₁₇H₁₇FN₂O₃: C, 64.55; H, 5.42; N, 8.86.

Found: C, 64.78; H, 5.81; N, 8.70.

[(1*R*)-5-cyano-6-fluoro-8-methyl-1-propyl-1,3,4,9-tetrahydropyrano[3,4-*b*]indol-1-yl]acetic acid (30).

Anal. Calcd for C₁₈H₁₉FN₂O₃ · 0.25 H₂O: C, 64.56; H, 5.87; N, 8.37.

Found: C, 64.61; H, 5.93; N, 8.38.

[(1*S*)-5-cyano-6-fluoro-8-methyl-1-propyl-1,3,4,9-tetrahydropyrano[3,4-*b*]indol-1-yl]acetic acid (31).

Anal. Calcd for C₁₈H₁₉FN₂O₃: C, 65.44; H, 5.80; N, 8.48.

Found: C, 65.45; H, 5.75; N, 8.47.