

SUPPORTING INFORMATION

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Elemental analytical data for products **4-7, 10, 11a-14a, 16, 19, 20, 22**.

2-Iodo-4-chloro-6-nitrotoluene (4). Anal. Calcd for $C_7H_5NO_2ClI$: C, 28.26; H, 1.69; N, 4.70. Found: C, 28.10; H, 1.86; N, 4.54.

Methyl (2-iodo-4-chloro-6-nitrophenyl)pyruvate (6). Anal. Calcd for $C_{10}H_7NO_5ClI$: C, 31.31; H, 1.83; N, 3.65. Found: C, 31.22; H, 1.97; N, 3.60.

Methyl 4-iodo-6-chloroindole-2-carboxylate (7). Anal. Calcd for $C_{10}H_7NO_2ClI$: C, 35.80; H, 2.10; N, 4.17. Found: C, 35.62; H, 2.15; N, 4.07.

Methyl 4-(2-formylethyl)-6-chloroindole-2-carboxylate (10). Anal. Calcd for $C_{13}H_{12}NO_3Cl^{1/8}H_2O$: C, 58.27; H, 4.60; N, 5.22. Found: C, 58.45; H, 4.62; N, 5.09.

Methyl 4-(4-ethoxycarbonyl-3-butenyl)-6-chloroindole-2-carboxylate (11a). Anal. Calcd for $C_{17}H_{18}NO_4Cl$: C, 60.81; H, 5.40; N, 4.17. Found: C, 60.58; H, 5.38; N, 3.90.

Methyl 3-iodo-4-(4-ethoxycarbonyl-3-butenyl)-6-chloroindole-2-carboxylate (12a). Anal. Calcd for $C_{17}H_{17}NO_4ClI$: C, 44.23; H, 3.71; N, 3.03. Found: C, 43.94; H, 3.89; N, 2.79.

Methyl 7-chloro-3-ethoxycarbonylmethyl-1,3,4,5-tetrahydrobenz[c,d]indole-2-carboxylate (13a). Anal. Calcd for $C_{17}H_{18}NO_4Cl$: C, 60.81; H, 5.40; N, 4.17. Found: C, 60.79; H, 5.37; N, 3.99.

Methyl 7-chloro-3-carboxymethyl-1,3,4,5-tetrahydrobenz[c,d]indole-2-carboxylate (16). Anal. Calcd for $C_{15}H_{14}NO_4Cl^{1/10}H_2O$: C, 58.20; H, 4.62; N, 4.52. Found: C, 58.18; H, 4.66; N, 4.40.

Methyl 7-chloro-3-ethoxycarbonylmethylidene-1,3,4,5-tetrahydrobenz[c,d]indole-2-carboxylate (14a). Anal. Calcd for $C_{17}H_{16}NO_4Cl$: C, 61.18; H, 4.83; N, 4.20. Found: C, 61.25; H, 4.86; N, 4.06.

7-Chloro-3-carboxymethyl-1,3,4,5-tetrahydrobenz[c,d]indole-2-carboxylic acid (19). Anal. Calcd for $C_{14}H_{12}NO_4Cl^{1/8}H_2O$: C, 56.81; H, 4.17; N, 4.73. Found: C, 57.10; H, 4.21; N, 4.66.

7-Chloro-3-phenylaminocarbonylmethyl-1,3,4,5-tetrahydrobenz[c,d]indole-2-carboxylic acid (20). Anal. Calcd for $C_{20}H_{17}N_2O_3Cl^{1/4}H_2O$: C, 64.34; H, 4.72; N, 7.50. Found: C, 64.42; H, 4.92; N, 7.32.

7-Chloro-3-(4-aminomethyl-2-(carboxymethoxy)phenyl)aminocarbonylmethyl-1,3,4,5-tetrahydrobenz[c,d]indole-2-carboxylic acid hydrochloride (22). Anal. Calcd for $C_{23}H_{23}N_3O_6Cl_2 \cdot H_2O$: C, 52.48; H, 4.78; N, 7.98. Found: C, 52.72; H, 4.82; N, 7.71.