Supporting Information

Synthesis of Highly Substituted Aniline and *o*-Phenylenediamine Derivatives Containing Various Substitution Patterns

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Experimental Section

Melting points are uncorrected. ^1H NMR spectra were recorded at 29 °C at 300 MHz using TMS as an internal standard. ^{13}C NMR spectra were recorded at 75 MHz and referenced against the central line of the solvent signal (for DMSO- d_6 septet at δ = 39.5 ppm, for CDCl_3 triplet at δ = 77.0 ppm). The coupling constants (J) are given in Hz.

General Procedures. (a) Thermal Conditions for 4a–l. A solution of 2*H*-pyran-2-one **1** (2 mmol) and the corresponding acetylene **2a–d** (4 mmol) in tetralin (1,2,3,4-tetrahydronaphthalene) or decalin (*cis,trans*-decahydronaphthalene) (5 mL) was heated under reflux for 1–12 h. The reaction mixture was cooled to room temperature, light petroleum (5 mL) was added, and precipitated material was filtered off and washed with cold ethanol (3 mL). For **4a** the 1,2,3,4-tetrahydronaphthalene was evaporated under reduced pressure at 100 °C, and the residue was purified using column chromatography (eluent, light petroleum/ethyl acetate 5:1) to give **4a**.

(b) Thermal Conditions for 4m,n. To the solution of 2*H*-pyran-2-one **1** (2 mmol) in CH_2Cl_2 (10 mL) was added *N,N*-diethyl-1-propyn-1-amine (**2e**) (245 mg, 2.2 mmol). The reaction mixture was stirred at room temperature for 30 min and then evaporated to dryness followed by purification of the residue by column chromatography (eluent, light petroleum/ethyl acetate 5:1) to give products **4m,n** as white solids.

(c) High-Pressure Conditions. A solution of 2*H*-pyran-2-one **1** (1 mmol) and the corresponding acetylene **2a–d** (2 mmol) in CH_2Cl_2 (or MeOH) (3.8 mL) in a Teflon ampule was immersed into a piston-cylinder type of pressure vessel filled with white spirit and pressurized at 13–15 kbar for the specified period of time (Table 1). Then the solvent was evaporated, and the crude products were analyzed. For the isolation in runs 5–7, methanol (1 mL) was added; precipitated material was filtered off and washed with cold methanol (0.5 mL) to give products **4e–g**.

Reaction of 2*H*-Pyran-2-one **1a** with Ethyl Propynoate (**2b**)

A mixture of **1a** (273 mg, 1 mmol) and ethyl propynoate (**2b**) (196 mg, 2 mmol) was refluxed in tetralin (2.5 mL) for 1.5 h. The solvent was evaporated under reduced pressure, the residue was treated with diethyl ether (1.5 mL), and the precipitated solid was filtered off and washed with diethyl ether (0.5 mL). The mixture of **4b** and remaining starting **1a** (combined mass 273 mg) was analyzed by ^1H NMR spectroscopy (**1a** : **4b** = 1 : 0.4). Thereafter, the mixture was separated with the column chromatography (eluent: light petroleum/ethyl acetate 5 : 3) to give **4b** (78 mg, 24%) and starting **1a** (171 mg, 63%); molar ratio **1a** : **4b** = 1 : 0.38.

Reaction of 2*H*-Pyran-2-one **1a** with Ethyl Propynoate (**2b**) and Phenylacetylene (**2d**)

A mixture of **1a** (273 mg, 1 mmol), ethyl propynoate (**2b**) (196 mg, 2 mmol) and phenylacetylene (**2d**) (204 mg, 2 mmol) was refluxed in tetralin (2.5 mL) for 1.5 h. The solvent was evaporated under reduced pressure and the mixture of products **4b** and **4d** was analyzed by ^1H NMR spectroscopy (**4b** : **4d** = 0.03 : 1). Thereafter, the

residue was treated with diethyl ether (1.5 mL) and the precipitated solid was filtered off and washed with diethyl ether (0.5 mL) to give **4d** (296 mg, 90%).

Reaction of 2H-Pyran-2-one **1c with Ethyl Propynoate (**2b**) and Phenylacetylene (**2d**)**

A mixture of **1c** (301 mg, 1 mmol), ethyl propynoate (**2b**) (196 mg, 2 mmol) and phenylacetylene (**2d**) (204 mg, 2 mmol) was refluxed in tetralin (2.5 mL) for 1.5 h. The solvent was evaporated under reduced pressure and the mixture of products **4i** and **4j** was analyzed by ^1H NMR spectroscopy (**4i** : **4j** = 0.02 : 1). Thereafter, the residue was treated with diethyl ether (1.5 mL) and the precipitated solid was filtered off and washed with diethyl ether (0.5 mL) to give **4j** (308 mg, 86%).

Reaction of 2H-Pyran-2-ones **1a and **1c** with Diethyl Acetylenedicarboxylate (**2a**)**

A mixture of **1a** (273 mg, 1 mmol), **1c** (301 mg, 1 mmol) and diethyl acetylenedicarboxylate (**2a**) (680 mg, 4 mmol) was refluxed in tetralin (2.5 mL) for 1.5 h. Thereafter, the solvent was evaporated under reduced pressure and the crude mixture was analyzed by ^1H NMR spectroscopy (**1a** : **4a** = 0.15 : 1 and **1c** : **4h** = 1 : 0.6; this is in good agreement with the results obtained when each 2*H*-pyran-2-one **1** reacted separately with **2a**, namely, **1a** : **4a** = 0.2 : 1 and **1c** : **4h** = 1 : 0.7, see Table 1, runs 1 and 8).

Reaction of 2*H*-Pyran-2-ones **1a** and **1c** with Phenylacetylene (**2d**)

A. A mixture of **1a** (273 mg, 1 mmol), **1c** (301 mg, 1 mmol) and phenylacetylene (**2d**) (408 mg, 4 mmol) was refluxed in tetralin (2.5 mL) for 0.5 h. Thereafter, the solvent was evaporated under reduced pressure and the crude mixture was analyzed by ^1H NMR spectroscopy (**1a** : **4d** = 0.3 : 2.5 and **1c** : **4j** = 1 : 2; this is in good agreement with the results obtained when each 2*H*-pyran-2-one **1** reacted separately with **2d** for 1.5 h, namely, **1a** : **4d** = 0 : 1 and **1c** : **4j** = 0.3 : 1, see Table 1, runs 4 and 10).

B. A mixture of **1a** (273 mg, 1 mmol), **1c** (301 mg, 1 mmol) and phenylacetylene (**2d**) (408 mg, 4 mmol) was refluxed in tetralin (2.5 mL) for 1.5 h. Thereafter, the solvent was evaporated under reduced pressure, the residue was treated with diethyl ether (1.5 mL), and the precipitated solid was filtered off and washed with diethyl ether (0.5 mL) to give a mixture of products (664 mg, combined isolated yield 96%, **4d** : **4j** = 1 : 1). No other products and/or impurities were detected in the mixture by ^1H NMR spectroscopy.

Characterization Data for Compounds 4a–n

Diethyl 4-Acetyl-6-(benzoylamino)-3-methylphthalate (4a). Mp 97–99 °C (Et₂O). IR (KBr): 1736, 1686, 1580, 1518 cm⁻¹. ¹H NMR (300 MHz, DMSO-*d*₆): δ 1.12 (t, *J* = 7.2 Hz, 3H), 1.28 (t, *J* = 7.2 Hz, 3H), 2.30 (s, 3H), 2.60 (s, 3H), 4.17 (q, *J* = 7.2 Hz, 2H), 4.31 (q, *J* = 7.2 Hz, 2H), 7.58 (m, 3H), 7.98 (m, 2H), 8.08 (s, 1H), 10.60 (s, 1H). ¹³C NMR (75.5 MHz, DMSO-*d*₆): δ 13.6, 13.7, 16.2, 30.2, 61.37, 61.44, 125.1, 125.5, 127.5, 128.5, 129.0, 132.0, 133.8, 134.7, 136.0, 142.3, 165.2, 165.5, 167.3, 201.7. EI-MS: *m/z* (%) 397 (M⁺, 57), 105 (100). Anal. Calcd for C₂₂H₂₃NO₆: C, 66.49; H, 5.83; N, 3.52. Found: C, 66.30; H, 5.72; N, 3.49.

Ethyl 4-Acetyl-2-(benzoylamino)-5-methylbenzoate (4b). Mp 134–135 °C (EtOH). IR (KBr): 1680 br, 1673, 1584, 1512 cm⁻¹. ¹H NMR (300 MHz, DMSO-*d*₆): δ 1.31 (t, *J* = 6.9 Hz, 3H), 2.41 (s, 3H), 2.58 (s, 3H), 4.34 (q, *J* = 6.9 Hz, 2H), 7.62 (m, 3H), 7.84 (s, 1H), 7.96 (m, 2H), 8.78 (s, 1H), 11.38 (s, 1H). ¹³C NMR (75.5 MHz, DMSO-*d*₆): δ 13.8, 19.7, 29.5, 61.5, 120.0, 121.4, 127.0, 128.8, 131.2, 132.1, 133.0, 134.0, 137.5, 141.9, 164.7, 166.7, 201.2. EI-MS: *m/z* (%) 325 (M⁺, 28), 105 (100). Anal. Calcd for C₁₉H₁₉NO₄: C, 70.14; H, 5.89; N, 4.30. Found: C, 70.36; H, 6.03; N, 4.35.

***N*-[(5-Acetyl-4-methyl-2,3-diphenyl)phenyl]benzamide (4c).** Mp 161–162 °C (Et₂O/light petroleum). IR (KBr): 1682, 1674, 1600, 1570, 1520 cm⁻¹. ¹H NMR (300 MHz, DMSO-*d*₆): δ 2.07 (s, 3H), 2.63 (s, 3H), 7.00 (m, 4H), 7.14 (m, 6H), 7.39 (m, 2H), 7.49 (m, 1H), 7.55 (m, 2H), 7.90 (s, 1H), 9.42 (s, 1H). ¹³C NMR (75.5 MHz, CDCl₃): δ 18.2, 30.4, 119.2, 126.6, 127.7, 127.8, 128.7, 129.9, 130.1, 131.0, 131.8, 133.3, 134.1, 134.4, 136.0, 139.4, 139.5, 143.6, 164.8, 203.2 (2 signals are hidden). EI-MS: *m/z* (%) 405 (M⁺, 34), 105 (100). HRMS calcd for C₂₈H₂₃NO₂ 405.1728, found 405.1733.

***N*-(4-Acetyl-5-methyl[1,1'-biphenyl]-2-yl)benzamide (4d).** Mp 193–195 °C (EtOH). IR (KBr): 1680, 1644, 1614, 1506 cm⁻¹. ¹H NMR (300 MHz, DMSO-*d*₆): δ 2.51 (s, 3H), 2.58 (s, 3H), 7.42 (m, 9H), 7.81 (m, 2H), 7.93 (s, 1H), 9.95 (s, 1H). ¹³C NMR (75.5 MHz, DMSO-*d*₆): δ 20.5, 29.5, 127.4, 127.5, 128.15, 128.20, 128.4, 129.4, 131.4, 132.6, 133.4, 134.2, 135.6, 136.6, 138.2, 141.2, 165.8, 200.6. EI-MS: *m/z* (%) 329 (M⁺, 51), 105 (100). Anal. Calcd for C₂₂H₁₉NO₂: C, 80.22; H, 5.81; N, 4.25. Found: C, 79.75; H, 5.90; N, 4.35.

Diethyl 4-Benzoyl-6-(benzoylamino)-3-methylphthalate (4e). Mp 100–103 °C (EtOH/H₂O). IR (KBr): 1731, 1677, 1580, 1523 cm⁻¹. ¹H NMR (300 MHz, CDCl₃): δ = 1.40 (t, *J* = 7.2 Hz, 3H), 1.41 (t, *J* = 7.2 Hz, 3H), 2.20 (s, 3H), 4.40 (q, *J* = 7.2 Hz, 2H), 4.43 (q, *J* = 7.2 Hz, 2H), 7.54 (m, 6H), 7.86 (m, 2H), 7.96 (m, 2H), 8.85 (s, 1H), 11.41 (s, 1H). ¹³C NMR (75.5 MHz, CDCl₃): δ 13.8, 14.1, 16.3, 61.6, 62.6, 115.6, 120.6, 127.3, 127.6, 128.8, 128.9, 130.2, 132.2, 134.1, 134.3, 136.2, 137.0, 138.3, 144.9, 165.5, 167.3, 168.3, 196.6. EI-MS: *m/z* (%) 459 (M⁺, 7), 105 (100). HRMS calcd for C₂₇H₂₅NO₆ 459.1681, found 459.1689.

Ethyl 4-Benzoyl-2-(benzoylamino)-5-methylbenzoate (4f). Mp 205–207 °C (MeOH/DMF). IR (KBr): 1670, 1586 cm⁻¹. ¹H NMR (300 MHz, DMSO-*d*₆): δ 1.33 (t, *J* = 7.2 Hz, 3H), 2.22 (s, 3H), 4.38 (q, *J* = 7.2 Hz, 2H), 7.60 (m, 5H), 7.75 (m, 3H), 7.92 (m, 2H), 7.98 (s, 1H), 8.41 (s, 1H), 11.50 (s, 1H). ¹³C NMR (75.5 MHz, DMSO-*d*₆): δ 13.9, 18.5, 61.6, 119.2, 119.9, 127.1, 128.9, 129.1, 129.7, 130.2, 132.2, 132.7, 134.1, 134.2, 136.0, 137.4, 143.2, 164.8, 167.0, 196.7. FAB-MS: *m/z* 388 (MH⁺). Anal. Calcd for C₂₄H₂₁NO₄: C, 74.40; H, 5.46; N, 3.61. Found: C, 74.70; H, 5.33; N, 3.63.

***N*-(4-Benzoyl-5-methyl[1,1'-biphenyl]-2-yl)benzamide (4g).** Mp 193.5–195.0 °C (MeOH/DMF). IR (KBr): 1651, 1596, 1578, 1516, 1488 cm⁻¹. ¹H NMR (300 MHz, CDCl₃): δ = 2.37 (s, 3H), 7.24 (br s, 1H), 7.37 (m, 2H), 7.54 (m, 11H), 7.95 (m, 2H), 7.98 (br s, 1H), 8.52 (s, 1H). ¹³C NMR (75.5 MHz, DMSO-*d*₆): δ 19.0, 127.4, 127.5, 127.8, 128.2, 128.3, 128.5, 128.8, 129.6, 131.4, 132.2, 132.9, 133.5, 134.2, 134.4, 137.0, 137.3, 138.3, 139.8, 165.7, 196.8. EI-MS: *m/z* (%) 391 (M⁺, 60), 105 (100). HRMS calcd for C₂₇H₂₁NO₂ 391.1572, found 391.1581.

Triethyl 6-(Benzoylamino)-3-methyl-1,2,4-benzenetricarboxylate (4h). Mp 71–73 °C (Et₂O/light petroleum). IR (KBr): 1734, 1682, 1584, 1528 cm⁻¹. ¹H NMR (300 MHz, DMSO-*d*₆): δ 1.17 (t, *J* = 7.2 Hz, 3H), 1.32 (t, *J* = 7.2 Hz, 3H), 1.35 (t, *J* = 7.2 Hz, 3H), 2.45 (s, 3H), 4.20 (q, *J* = 7.2 Hz, 2H), 4.35 (m, 4H), 7.58 (m, 3H), 8.00 (m, 2H), 8.21 (s, 1H), 10.66 (s, 1H). ¹³C NMR (75.5 MHz, DMSO-*d*₆): δ 13.5, 13.7, 13.9, 16.6, 61.40, 61.43, 61.5, 126.0, 126.4, 127.5, 128.5, 131.0, 132.0, 133.8, 134.1, 134.7, 136.2, 165.1, 165.5, 165.9, 167.2. EI-MS: *m/z* (%) 27 (M⁺, 47), 105 (100). Anal. Calcd for C₂₃H₂₅NO₇: C, 64.63; H, 5.90; N, 3.28. Found: C, 64.24; H, 5.73; N, 3.67.

Diethyl 2-(Benzoylamino)-5-methylterephthalate (4i). Mp 138–139.5 °C (EtOH). IR (KBr): 1721, 1675 br, 1584, 1526 cm⁻¹. ¹H NMR (300 MHz, DMSO-*d*₆): δ 1.30 (t,

$J = 7.2$ Hz, 3H), 1.35 (t, $J = 7.2$ Hz, 3H), 2.51 (s, 3H), 4.33 (q, $J = 7.2$ Hz, 2H), 4.35 (q, $J = 7.2$ Hz, 2H), 7.62 (m, 3H), 7.87 (s, 1H), 7.96 (m, 2H), 8.85 (s, 1H), 11.35 (s, 1H). ^{13}C NMR (75.5 MHz, DMSO- d_6): δ 13.9, 14.0, 20.1, 61.1, 61.6, 121.0, 122.6, 127.1, 128.9, 132.2, 133.1, 133.2, 134.1, 134.2, 137.3, 164.8, 166.1, 166.7. EI-MS: m/z (%) 355 (M^+ , 27), 105 (100). Anal. Calcd for $\text{C}_{20}\text{H}_{21}\text{NO}_5$: C, 67.59; H, 5.96; N, 3.94. Found: C, 67.23; H, 5.92; N, 3.87.

Ethyl 2-(Benzoylamino)-5-methyl[1,1'-biphenyl]-4-carboxylate (4j). Mp 146–148 °C (EtOH). IR (KBr): 1715, 1645, 1523 cm^{-1} . ^1H NMR (300 MHz, DMSO- d_6): δ 1.34 (t, $J = 6.9$ Hz, 3H), 2.59 (s, 3H), 4.33 (q, $J = 6.9$ Hz, 2H), 7.43 (m, 9H), 7.78 (m, 2H), 7.92 (s, 1H), 9.92 (s, 1H). ^{13}C NMR (75.5 MHz, DMSO- d_6): δ 14.1, 20.6, 60.6, 127.4, 127.6, 128.2, 128.3, 128.4, 128.7, 130.0, 131.4, 132.7, 133.4, 134.2, 137.5, 138.1, 141.8, 165.8, 166.2. EI-MS: m/z (%) 359 (M^+ , 46), 105 (100). Anal. Calcd for $\text{C}_{23}\text{H}_{21}\text{NO}_3$: C, 76.86; H, 5.89; N, 3.90. Found: C, 76.51; H, 6.00; N, 3.84.

1,2-Diethyl 4-Methyl 6-(Benzoylamino)-3-[(methoxycarbonyl)methyl]-1,2,4-benzenetricarboxylate (4k). Mp 113.1–114.6 °C (MeOH/ H_2O). IR (KBr): 1739, 1721, 1698, 1685, 1586, 1532 cm^{-1} . ^1H NMR (300 MHz, DMSO- d_6): δ 1.13 (t, $J = 7.2$ Hz, 3H), 1.25 (s, $J = 7.2$ Hz, 3H), 3.61 (s, 3H), 3.85 (s, 3H), 3.99 (s, 2H), 4.16 (q, $J = 7.2$ Hz, 2H), 4.26 (q, $J = 7.2$ Hz, 2H), 7.59 (m, 3H), 7.96 (m, 2H), 8.28 (s, 1H), 10.62 (s, 1H). ^{13}C NMR (75.5 MHz, DMSO- d_6): δ 13.54, 13.58, 35.2, 51.8, 52.6, 61.6, 61.7, 127.5, 127.6, 127.7, 128.6, 128.8, 132.1, 133.1, 133.6, 135.7, 136.2, 164.9, 165.6, 165.7, 166.6, 170.1. EI-MS: m/z (%) 471 (M^+ , 10), 425 (34), 105 (100). Anal. Calcd for $\text{C}_{24}\text{H}_{25}\text{NO}_9 \times 0.2 \text{ H}_2\text{O}$: C, 60.68; H, 5.39; N, 2.95. Found: C, 60.70; H, 5.36; N, 2.90.

Methyl 2-(Benzoylamino)-5-[(methoxycarbonyl)methyl]-[1,1'-biphenyl]-4-carboxylate (4l). Mp 132.5–134.4 °C (EtOH). IR (KBr): 1735, 1720, 1651, 1522 cm^{-1} . ^1H NMR (300 MHz, DMSO- d_6): δ 3.62 (s, 3H), 3.82 (s, 3H), 4.08 (br s, 2H), 7.41 (m, 8H), 7.55 (m, 1H), 7.78 (m, 2H), 8.05 (s, 1H), 9.97 (s, 1H). ^{13}C NMR (75.5 MHz, DMSO- d_6 , 49 °C): δ 38.9, 51.3, 51.8, 127.2, 127.7, 128.15, 128.17, 128.3, 128.5, 129.7, 131.3, 133.79, 133.87, 134.1, 134.3, 137.7, 141.4, 165.7, 166.2, 171.1. EI-MS: m/z (%) 403 (M^+ , 12), 105 (100). Anal. Calcd for $\text{C}_{24}\text{H}_{21}\text{NO}_5$: C, 71.45; H, 5.25; N, 3.47. Found: C, 71.61; H, 5.26; N, 3.30.

N-[5-Acetyl-2-(diethylamino)-3,4-dimethylphenyl]benzamide (4m). Mp 45 °C (Et $_2\text{O}$ /light petroleum). IR (KBr): 1680, 1658, 1573, 1509 cm^{-1} . ^1H NMR (300 MHz,

CDCl₃): δ 1.07 (t, J = 7.2 Hz, 6H), 2.23 (s, 3H), 2.31 (s, 3H), 2.63 (s, 3H), 3.06–3.29 (m, 4H), 7.52 (m, 3H), 7.93 (m, 2H), 8.84 (s, 1H), 10.14 (br s, 1H). ¹³C NMR (75.5 MHz, CDCl₃): δ 15.1, 15.8, 16.4, 30.3, 48.6, 115.7, 126.7, 128.8, 131.5, 131.6, 135.1, 135.8, 137.7, 138.0, 138.7, 164.6, 203.7. EI-MS: m/z (%) 338 (M⁺, 63), 105 (100). Anal. Calcd for C₂₁H₂₆N₂O₂: C, 74.53; H, 7.74; N, 8.28. Found: C, 74.68; H, 7.95; N, 8.05.

Ethyl 5-(Benzoylamino)-4-(diethylamino)-2,3-dimethylbenzoate (4n). Mp 82.5–83.5 °C (Et₂O/light petroleum). IR (KBr): 1716, 1661, 1578, 1514, 1487 cm⁻¹. ¹H NMR (300 MHz, CDCl₃): δ 1.06 (t, J = 7.2 Hz, 6H), 1.41 (t, J = 7.2 Hz, 3H), 2.23 (s, 3H), 2.40 (s, 3H), 3.02–3.30 (m, 4H), 4.37 (q, J = 7.2 Hz, 2H), 7.51 (m, 3H), 7.92 (m, 2H), 8.89 (s, 1H), 10.10 (br s, 1H). ¹³C NMR (75.5 MHz, CDCl₃): δ 14.3, 15.0, 15.8, 16.5, 48.6, 60.9, 116.9, 126.8, 128.7, 130.2, 131.5, 133.1, 135.3, 135.9, 137.3, 139.0, 164.5, 168.7. EI-MS: m/z (%) 368 (M⁺, 35), 105 (100). Anal. Calcd for C₂₂H₂₈N₂O₃: C, 71.71; H, 7.60; N, 7.60. Found: C, 71.74; H, 7.64; N, 7.45.

¹³C NMR Spectra of Compounds 4c,e,g

*** Current Data Parameters ***

NAME : kt22029
EXPNO : 1
PROCNO : 1

*** Acquisition Parameters ***

NS : 15360
SOLVENT : CDCl3
TE : 302.0 K

*** Processing Parameters ***

GB : 0.0000000
LB : 1.30 Hz

*** Current Data Parameters ***

NAME : kt22029
EXPNO : 1
PROCNO : 1

*** Acquisition Parameters ***

NS : 15360
SOLVENT : CDCl3
TE : 302.0 K

*** Processing Parameters ***

GB : 0.0000000
LB : 1.30 Hz

*** Current Data Parameters ***

NAME	:	kt22029
EXPNO	:	1
PROCNO	:	1

*** Acquisition Parameters ***

NS	:	15360
SOLVENT	:	CDCl3
TE	:	302.0 K

*** Processing Parameters ***

GB	:	0.0000000
LB	:	1.30 Hz

*** Current Data Parameters ***

NAME	:	kt22029
EXPNO	:	1
PROCNO	:	1

*** Acquisition Parameters ***

NS	:	15360
SOLVENT	:	CDCl3
TE	:	302.0 K

*** Processing Parameters ***

GB	:	0.0000000
LB	:	1.30 Hz

*** Current Data Parameters ***

NAME : kt9196
EXPNO : 1
PROCNO : 1

*** Acquisition Parameters ***

NS : 9808
SOLVENT : DMSO
TE : 300.0 K

*** Processing Parameters ***

GB : 0.0000000
LB : 1.30 Hz

*** Current Data Parameters ***

NAME : kt9196
EXPNO : 1
PROCNO : 1

*** Acquisition Parameters ***

NS : 9808
SOLVENT : DMSO
TE : 300.0 K

*** Processing Parameters ***

GB : 0.0000000
LB : 1.30 Hz