

Gross formula	Structure	Solvent	$\delta^3\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_{12}\text{Cl}_{10}$		CDCl_3	135.1(C1) 132.3(C2/2'/6/6') 132.0(C3/3'/5/5') 134.8(C4/4')	86Yan
$\text{C}_{12}\text{Cl}_{10}\text{O}$		CDCl_3	148.5(C1/1') 125.9(C2/2'/6/6') 133.1(C3/3'/5/5') 129.9(C4/4')	93Nev
$\text{C}_{12}\text{HCl}_9$		CDCl_3	135.7(C1) 132.6 ^a (C2/6) 132.3(C3/5) 134.1 ^b (C4) 135.7(C1') 131.6(C2') 133.7(C3') 134.5 ^b (C4') 132.1 ^a (C5') 128.7(C6')	86Yan
$\text{C}_{12}\text{HCl}_9\text{O}$		CDCl_3	146.1(C1) 128.1(C2/6) 132.8(C3/5) 132.2(C4) 150.5(C1') 122.5(C2') 134.9(C3') 127.6(C4') 132.3(C5') 113.3(C6')	95Nev
$\text{C}_{12}\text{H}_2\text{Cl}_8$		CDCl_3	136.4(C1/1') 131.7(C2/2') 133.9(C3/3') 133.4(C4/4') 132.2(C5/5') 128.9(C6/6')	86Yan
$\text{C}_{12}\text{H}_2\text{Cl}_8$		CDCl_3	137.5(C1/1') 131.2(C2/2'/6/6') 132.1(C3/3'/5/5') 131.1(C4/4')	86Yan
$\text{C}_{12}\text{H}_2\text{Cl}_8\text{O}$		CDCl_3	151.4(C1) 123.2(C2) 135.5(C3) 128.1(C4) 132.9(C5) 114.1(C6) 148.8(C1') 128.0(C2'/6') 133.6(C3'/5') 129.4(C4') $^1J(\text{C6},\text{H6})=168.5$ $^1J(\text{C4}',\text{H4}')=174.8$	93Nev
$\text{C}_{12}\text{H}_2\text{Cl}_8\text{O}$		CDCl_3	151.1(C1/1') 125.4(C2/2') 135.6(C3/3') 129.9(C4/4') 133.4(C5/5') 119.2(C6/6') $^1J(\text{C6},\text{H6})=170.0$	93Nev
$\text{C}_{12}\text{H}_2\text{Cl}_8\text{O}$		CDCl_3	147.7(C1/1') 127.4(C2/2') 131.8(C3/3') 129.5(C4/4') 129.2(C5/5') 124.6(C6/6') $^1J(\text{C5},\text{H5})=173.9$	95Nev

Gross formula	Structure	Solvent	$\delta^3\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_{12}\text{H}_2\text{Cl}_8\text{O}$		CDCl_3	147.3(C1) 129.0(C2/6) 133.4(C3/5) 132.4(C4) 151.8(C1') 124.5(C2') 134.3(C3') 129.0(C4') 128.6(C5') 113.0(C6') $^1J(\text{C5}',\text{H5}')=170.0$ $^1J(\text{C6}',\text{H6}')=164.9$	93Nev
$\text{C}_{12}\text{H}_2\text{Cl}_8\text{O}$		CDCl_3	146.5(C1) 128.2(C2/6) 132.8(C3/5) 131.9(C4) 150.3(C1') 122.2(C2') 131.8(C3') 127.4(C4') 131.6(C5') 115.6(C6') $^1J(\text{C3}',\text{H3}')=171.9$ $^1J(\text{C6}',\text{H6}')=166.6$	95Nev
$\text{C}_{12}\text{H}_2\text{Cl}_8\text{O}$		CDCl_3	148.3(C1) 125.5(C2/6) 132.2(C3/5) 129.5(C4) 146.7(C1') 127.0(C2'/6') 129.2(C3'/5') 130.0(C4') $^1J(\text{C3}',\text{H3}')=173.0$	95Nev
$\text{C}_{12}\text{H}_3\text{Br}_7\text{O}$		CDCl_3	149.1(C1) 121.8(C2/6) 129.2(C3/5) 127.0(C4) 154.8(C1') 120.5(C2') 125.6(C3') 118.3(C4') 134.3(C5') 115.6(C6')	00Hu
$\text{C}_{12}\text{H}_3\text{Cl}_7$		CDCl_3	136.4(C1) 132.8(C2/6) 132.4(C3/5) 133.9(C4) 136.9(C1') 131.3(C2') 130.6(C3') 129.9(C4') 131.8(C5') 130.1(C6')	86Yan
$\text{C}_{12}\text{H}_3\text{Cl}_7\text{O}$		CDCl_3	151.8(C1) 124.8(C2) 135.3(C3) 128.9(C4) 133.1(C5) 118.2(C6) 151.2(C1') 127.3(C2') 134.3(C3') 131.1(C4') 129.2(C5') 119.1(C6') $^1J(\text{C6},\text{H6})=170.0$ $^1J(\text{C5}',\text{H5}')=170.0$ $^1J(\text{C6}',\text{H6}')=166.3$	93Nev
$\text{C}_{12}\text{H}_3\text{Cl}_7\text{O}$		CDCl_3	151.3(C1) 125.4(C2) 135.5(C3) 129.7(C4) 133.3(C5) 119.2(C6) 153.3(C1') 124.0(C2') 136.1(C3') 127.1(C4') 134.0(C5') 118.7(C6') $^1J(\text{C6},\text{H6})=170.0$ $^1J(\text{C4}',\text{H4}')=173.8$ $^1J(\text{C6}',\text{H6}')=169.1$	93Nev
$\text{C}_{12}\text{H}_3\text{Cl}_7\text{O}$		CDCl_3	151.6(C1) 125.0(C2) 135.4(C3) 129.2(C4) 133.2(C5) 118.6(C6) 150.6(C1') 125.3(C2') 132.6(C3') 130.1(C4') 132.7(C5') 122.1(C6') $^1J(\text{C6},\text{H6})=170.4$ $^1J(\text{C3}',\text{H3}')=172.4$ $^1J(\text{C6}',\text{H6}')=168.5$	93Nev

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_{12}\text{H}_3\text{Cl}_7\text{O}$		CDCl_3	151.1(C1) 122.4(C2) 134.6(C3) 127.0(C4) 132.1(C5) 113.5(C6) 145.0(C1') 130.0(C2'/6') 129.4(C3'/5') 132.5(C4') $^1J(\text{C6},\text{H6})=168.6$ $^1J(\text{C2}',\text{H2}')=173.5$	95Nev
$\text{C}_{12}\text{H}_3\text{Cl}_7\text{O}$		CDCl_3	151.0(C1) 122.4(C2) 134.6(C3) 127.6(C4) 132.1(C5) 113.5(C6) 147.2(C1') 128.7(C2') 133.2(C3') 128.2(C4') 128.9(C5') 127.0(C6')	95Nev
$\text{C}_{12}\text{H}_3\text{Cl}_7\text{O}$		CDCl_3	148.0(C1) 127.5(C2) 131.6(C3) 129.3(C4) 129.1(C5) 124.7(C6) 146.9(C1') 127.1(C2'/6') 129.1(C3'/5') 129.9(C4') $^1J(\text{C5},\text{H5})=174.0$ $^1J(\text{C3}',\text{H3}')=172.9$	95Nev
$\text{C}_{12}\text{H}_3\text{Cl}_7\text{O}$		CDCl_3	149.2(C1) 128.1(C2/6) 133.4(C3/6) 128.9(C4) 151.8(C1') 124.4(C2') 134.1(C3') 128.8(C4') 128.6(C5') 113.0(C6') $^1J(\text{C4},\text{H4})=174.7$ $^1J(\text{C5}',\text{H5}')=170.1$ $^1J(\text{C6}',\text{H6}')=164.9$	93Nev
$\text{C}_{12}\text{H}_3\text{Cl}_7\text{O}$		CDCl_3	149.1(C1) 128.1(C2/6) 133.5(C3/6) 129.2(C4) 151.1(C1') 122.9(C2') 132.5(C3') 128.0(C4') 132.2(C5') 116.4(C6') $^1J(\text{C4},\text{H4})=174.8$ $^1J(\text{C3}',\text{H3}')=171.8$ $^1J(\text{C6}',\text{H6}')=166.7$	93Nev
$\text{C}_{12}\text{H}_3\text{Cl}_7\text{O}$		CDCl_3	146.9(C1) 128.7(C2/6) 132.5(C3/5) 131.4(C4) 150.2(C1') 123.8(C2') 130.8(C3') 128.3(C4') 127.6(C5') 114.9(C6')	95Nev
$\text{C}_{12}\text{H}_3\text{Cl}_7\text{O}$		CDCl_3	146.8(C1) 128.5(C2/6) 133.5(C3/5) 131.4(C4) 154.6(C1') 117.2(C2') 133.6(C3') 131.4(C4') 131.1(C5') 114.6(C6')	95Nev
$\text{C}_{12}\text{H}_4\text{Br}_6$		CDCl_3	138.8(C1/1') 130.6(C2/2'/6/6') 126.8(C3/3'/5/5') 127.7(C4/4')	89Ank

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_{12}\text{H}_4\text{Br}_6\text{O}$		CDCl_3	149.6(C1) 122.0(C2/6) 129.1(C3/5) 126.6(C4) 154.7(C1') 116.8(C2'/6') 132.8(C3'/5') 115.6(C4')	00Hu
$\text{C}_{12}\text{H}_4\text{Cl}_6$		CDCl_3	137.4(C1/1') 132.1(C2/2') 133.4(C3/3') 134.1(C4/4') 128.4(C5/5') 127.9(C6/6')	86Yan
$\text{C}_{12}\text{H}_4\text{Cl}_6$		CDCl_3	136.2(C1) 132.3(C2) 133.5(C3) 134.4(C4) 128.5(C5) 127.9(C6) 136.9(C1') 132.0(C2') 131.7(C3') 133.2(C4') 130.9(C5') 130.7(C6')	86Yan
$\text{C}_{12}\text{H}_4\text{Cl}_6$		CDCl_3	136.5(C1/1') 133.2(C2/2') 131.8(C3/3') 130.7(C4/4') 128.1(C5/5') 132.8(C6/6')	86Yan
$\text{C}_{12}\text{H}_4\text{Cl}_6$		CDCl_3	135.6(C1/1') 132.0(C2/2') 131.7(C3/3') 133.4(C4/4') 130.9(C5/5') 130.7(C6/6')	86Yan
$\text{C}_{12}\text{H}_4\text{Cl}_6$		CDCl_3	132.6(C1/1') 135.4(C2/2'/6/6') 127.8(C3/3'/5/5') 135.3(C4/4')	86Yan
$\text{C}_{12}\text{H}_4\text{Cl}_6$		DBE	136.6(C1/1') 126.4(C2/2'/6/6') 134.2(C3/3'/5/5') 133.6(C4/4')	75Wil
$\text{C}_{12}\text{H}_4\text{Cl}_6$		CDCl_3	137.7(C1) 132.0(C2) 133.7(C3) 133.0(C4) 132.0(C5) 129.3(C6) 137.2(C1') 131.5(C2') 130.5 ^a (C3') 129.8(C4') 132.6(C5') 130.4 ^a (C6')	86Yan
$\text{C}_{12}\text{H}_4\text{Cl}_6$		CDCl_3	138.7(C1) 131.3(C2/6) 132.7(C3/5) 130.6 ^a (C4) 137.2(C1') 131.7(C2') 130.5 ^a (C3') 130.0(C4') 131.8(C5') 130.0 ^a (C6')	86Yan

Gross formula	Structure	Solvent	$\delta^3\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_{12}\text{H}_4\text{Cl}_6$		DBE	137.3(C1) 132.4(C2/6) 135.3(C3/5) 132.4(C4) 131.3(C1') 133.0(C2') 129.8 ^a (C3') 129.2(C4') 126.7(C5') 129.7 ^a (C6')	75Wil
$\text{C}_{12}\text{H}_4\text{Cl}_6$		DBE	138.2(C1) 133.8(C2/6) 137.8(C3/5) 132.8(C4) 131.4(C1') 128.5(C2') 132.1(C3') 128.5(C4') 129.5(C5') 126.7(C6')	75Wil
$\text{C}_{12}\text{H}_4\text{Cl}_6$		DBE	138.6(C1) 134.1(C2/6) 134.6(C3/5) 132.7(C4) 131.4(C1') 128.5(C2'/6') 129.9(C3'/5') 132.2(C4')	75Wil
$\text{C}_{12}\text{H}_4\text{Cl}_6\text{O}$		CDCl_3	152.0(C1/1') 126.8(C2/2') 134.1(C3/3') 130.2(C4/4') 129.1(C5/5') 118.2(C6/6') $^1J(\text{C5}, \text{H5})=170.0$ $^1J(\text{C6}, \text{H6})=166.3$	93Nev
$\text{C}_{12}\text{H}_4\text{Cl}_6\text{O}$		CDCl_3	152.4(C1) 124.4(C2) 133.9(C3) 128.5(C4) 128.5(C5) 113.1(C6) 146.2(C1') 130.9(C2'/6') 130.0(C3'/5') 132.8(C4') $^1J(\text{C5}, \text{H5})=169.7$ $^1J(\text{C6}, \text{H6})=165.2$ $^1J(\text{C3}', \text{H3}')=173.3$	93Nev
$\text{C}_{12}\text{H}_4\text{Cl}_6\text{O}$		CDCl_3	151.6(C1) 124.8(C2) 132.2(C3) 129.1(C4) 132.4(C5) 121.0(C6) 151.2(C1') 126.8(C2') 134.0(C3') 130.4(C4') 129.0(C5') 118.4(C6') $^1J(\text{C3}, \text{H3})=172.0$ $^1J(\text{C6}, \text{H6})=168.2$ $^1J(\text{C5}', \text{H5}')=170.0$ $^1J(\text{C6}', \text{H6}')=166.3$	93Nev
$\text{C}_{12}\text{H}_4\text{Cl}_6\text{O}$		CDCl_3	151.1(C1/1') 125.0(C2/2') 132.5(C3/3') 129.5(C4/4') 132.6(C5/5') 121.5(C6/6') $^1J(\text{C3}, \text{H3})=172.2$ $^1J(\text{C6}, \text{H6})=168.3$	93Nev
$\text{C}_{12}\text{H}_4\text{Cl}_6\text{O}$		CDCl_3	151.6(C1) 122.8(C2) 132.3(C3) 127.5(C4) 132.1(C5) 116.4(C6) 146.0(C1') 130.7(C2'/6') 130.0(C3'/5') 132.9(C4') $^1J(\text{C3}, \text{H3})=171.5$ $^1J(\text{C6}, \text{H6})=166.7$ $^1J(\text{C3}', \text{H3}')=173.5$	93Nev

Gross formula	Structure	Solvent	$\delta^3\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_{12}\text{H}_4\text{Cl}_6\text{O}$		CDCl_3	150.4(C1) 126.2(C2) 132.5(C3) 130.4(C4) 132.7(C5) 123.7(C6) 155.3(C1') 118.5(C2'/6') 135.7(C3'/5') 127.3(C4') $^1J(\text{C3},\text{H3})=172.2$ $^1J(\text{C6},\text{H6})=168.7$ $^1J(\text{C2}',\text{H2}')=169.4$	93Nev
$\text{C}_{12}\text{H}_4\text{Cl}_6\text{O}$		CDCl_3	147.9(C1/1') 127.9(C2/2'/6/6') 130.0(C3/3'/5/5') 130.4(C4/4') $^1J(\text{C3},\text{H3})=172.6$	93Nev
$\text{C}_{12}\text{H}_4\text{Cl}_6\text{O}$		CDCl_3	151.5(C1) 124.0(C2) 134.5(C3) 127.8(C4) 132.3(C5) 117.4(C6) 152.0(C1') 125.1(C2') 134.9(C3') 127.0(C4') 127.9(C5') 118.6(C6') $^1J(\text{C6},\text{H6})=170.0$ $^1J(\text{C4}',\text{H4}')=168.9$ $^1J(\text{C5}',\text{H5}')=165.0$ $^1J(\text{C6}',\text{H6}')=164.6$	95Nev
$\text{C}_{12}\text{H}_4\text{Cl}_6\text{O}$		CDCl_3	152.4(C1) 124.4(C2) 135.2(C3) 128.3(C4) 132.9(C5) 117.5(C6) 150.0(C1') 127.5(C2') 131.6(C3') 131.8(C4') 129.1(C5') 122.4(C6') $^1J(\text{C6},\text{H6})=170.0$ $^1J(\text{C3}',\text{H3}')=171.3$ $^1J(\text{C5}',\text{H5}')=171.2$ $^1J(\text{C6}',\text{H6}')=165.4$	93Nev
$\text{C}_{12}\text{H}_4\text{Cl}_6\text{O}$		CDCl_3	151.4(C1) 122.3(C2) 134.4(C3) 126.6(C4) 132.1(C5) 113.6(C6) 146.1(C1') 129.4(C2'/6') 129.5(C3'/5') 127.6(C4') $^1J(\text{C6},\text{H6})=168.9$ $^1J(\text{C3}',\text{H3}')=169.6$ $^1J(\text{C4}',\text{H4}')=165.7$	95Nev
$\text{C}_{12}\text{H}_4\text{Cl}_6\text{O}$		CDCl_3	151.7(C1) 125.8(C2) 135.2(C3) 129.2(C4) 133.1(C5) 120.1(C6) 155.2(C1') 120.8(C2') 134.4(C3') 128.8(C4') 131.9(C5') 118.2(C6') $^1J(\text{C6},\text{H6})=170.4$ $^1J(\text{C2}',\text{H2}')=167.5$ $^1J(\text{C5}',\text{H5}')=168.3$ $^1J(\text{C6}',\text{H6}')=165.4$	93Nev
$\text{C}_{12}\text{H}_4\text{Cl}_6\text{O}$		CDCl_3	146.6(C1) 130.3(C2) 131.9(C3) 131.3(C4) 129.2(C5) 127.8(C6) 150.4(C1') 123.8(C2') 130.7(C3') 128.4(C4') 127.6(C5') 114.9(C6') $^1J(\text{C5},\text{H5})=174.4$ $^1J(\text{C3}',\text{H3}')=170.3$ $^1J(\text{C5}',\text{H5}')=168.4$ $^1J(\text{C6}',\text{H6}')=162.8$	95Nev

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_{12}\text{H}_4\text{Cl}_6\text{O}$		CDCl_3	148.9(C1) 127.5(C2/6) 132.6(C3/5) 128.0(C4) 150.3(C1') 123.8(C2') 130.7(C3') 128.6(C4') 127.6(C5') 114.9(C6')	95Nev
$\text{C}_{12}\text{H}_4\text{Cl}_6\text{O}$		CDCl_3	147.5(C1) 128.8(C2) 133.1(C3) 128.0(C4) 128.9(C5) 127.6(C6) 150.7(C1') 122.1(C2') 131.5(C3') 126.8(C4') 131.4(C5') 115.7(C6') $^1J(\text{C4},\text{H4})=170.7$ $^1J(\text{C5},\text{H5})=170.5$ $^1J(\text{C3}',\text{H3}')=171.6$ $^1J(\text{C6}',\text{H6}')=166.8$	95Nev
$\text{C}_{12}\text{H}_4\text{Cl}_6\text{O}$		CDCl_3	150.4(C1) 125.8(C2) 134.8(C3) 129.4(C4) 132.6(C5) 120.4(C6) 156.9(C1') 116.5(C2'/6') 136.1(C3'/5') 124.6(C4') $^1J(\text{C6},\text{H6})=170.4$ $^1J(\text{C2}',\text{H2}')=168.1$ $^1J(\text{C4}',\text{H4}')=173.2$	95Nev
$\text{C}_{12}\text{H}_4\text{Cl}_6\text{O}$		CDCl_3	146.3(C1) 130.5(C2) 131.9(C3) 131.4(C4) 129.2(C5) 128.0(C6) 154.9(C1') 117.2(C2') 133.5(C3') 126.8(C4') 130.0(C5') 114.6(C6') $^1J(\text{C5},\text{H5})=174.4$ $^1J(\text{C2}',\text{H2}')=167.4$ $^1J(\text{C5}',\text{H5}')=167.6$ $^1J(\text{C6}',\text{H6}')=165.1$	95Nev
$\text{C}_{12}\text{H}_4\text{Cl}_6\text{O}$		CDCl_3	148.5(C1) 126.8(C2/6) 132.8(C3/5) 128.0(C4) 154.7(C1') 117.2(C2') 133.5(C3') 127.6(C4') 131.0(C5') 114.6(C6')	95Nev
$\text{C}_{12}\text{H}_4\text{Cl}_6\text{O}$		CDCl_3	147.0(C1) 128.6(C2/6) 132.3(C3/5) 130.9(C4) 154.3(C1') 116.2(C2'/6') 129.8(C3'/5') 128.3(C4')	77Edl
$\text{C}_{12}\text{H}_4\text{Cl}_6\text{O}_2$		CDCl_3	142.0(C1) 144.6(C2) 118.0(C3) n.r.(C4) 123.2(C5) 114.9(C6) 148.4(C1') 127.6(C2'/6') 132.9(C3'/5') 128.5(C4')	80Nor
$\text{C}_{12}\text{H}_3\text{Br}_5\text{O}$		CDCl_3	148.3(C1) 119.0(C2/6) 135.6(C3/5) 119.7(C4) 151.9(C1') 112.6(C2') 136.3(C3') 115.4(C4') 131.2(C5') 115.3(C6')	00Hu

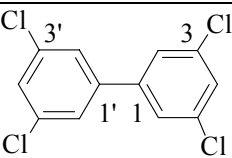
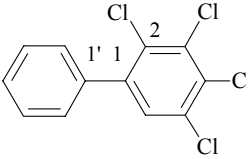
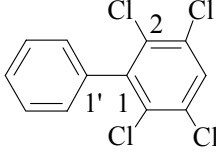
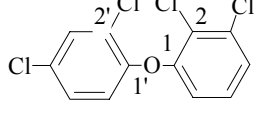
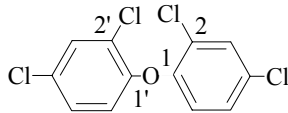
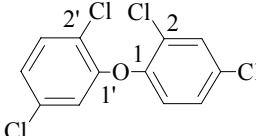
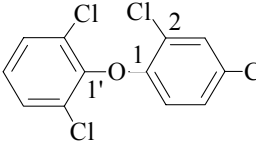
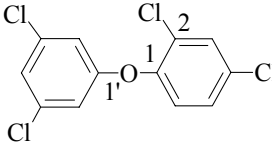
Gross formula	Structure	Solvent	$\delta^3\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_{12}\text{H}_5\text{Br}_5\text{O}$		CDCl_3	147.9(C1) 119.1(C2/6) 135.6(C3/5) 119.7(C4) 155.5(C1') 120.5(C2') 125.4(C3') 117.9(C4') 134.2(C5') 115.7(C6')	00Hu
$\text{C}_{12}\text{H}_5\text{Cl}_5$		CDCl_3	137.1(C1) 132.1(C2) 133.5(C3) 134.0(C4) 128.5(C5) 127.8(C6) 138.5(C1') 131.5(C2') 130.4(C3') 129.4(C4') 132.3(C5') 130.4(C6')	86Yan
$\text{C}_{12}\text{H}_5\text{Cl}_5$		CDCl_3	137.4(C1) 133.3(C2) 131.6(C3) 129.7(C4) 128.0(C5) 132.9(C6) 137.1(C1') 131.7(C2') 130.4 ^a (C3') 130.2 ^a (C4') 132.5(C5') 130.4 ^a (C6')	86Yan
$\text{C}_{12}\text{H}_5\text{Cl}_5$		CDCl_3	138.5(C1) 132.5(C2) 132.2(C3) 133.4(C4) 131.2(C5) 131.0 ^a (C6) 138.0(C1') 132.2(C2') 133.8(C3') 130.8 ^a (C4') 129.1(C5') 127.3(C6')	86Yan
$\text{C}_{12}\text{H}_5\text{Cl}_5$		CDCl_3	136.4(C1) 132.0(C2) 131.7(C3) 133.0(C4) 131.4(C5) 130.5 ^a (C6) 137.1(C1') 130.7(C2') 130.4 ^a (C3') 129.6(C4') 132.2(C5') 130.3 ^a (C6')	86Yan
$\text{C}_{12}\text{H}_5\text{Cl}_5$		CDCl_3	140.1(C1) 132.5(C2/6) 131.6(C3/5) 132.8(C4) 136.8(C1') 128.3 ^a (C2'/6') 128.5 ^a (C3'/5') 128.3(C4')	86Yan
$\text{C}_{12}\text{H}_5\text{Cl}_5\text{O}$		CDCl_3	152.6(C1) 126.4(C2) 134.0(C3) 129.6(C4) 128.9(C5) 117.5(C6) 150.8(C1') 127.0(C2') 131.5(C3') 131.0(C4') 128.9(C5') 121.6(C6') $^1J(\text{C5},\text{H5})=170.0$ $^1J(\text{C6},\text{H6})=166.0$ $^1J(\text{C3}',\text{H3}')=170.4$ $^1J(\text{C5}',\text{H5}')=168.7$ $^1J(\text{C6}',\text{H6}')=164.5$	93Nev
$\text{C}_{12}\text{H}_5\text{Cl}_5\text{O}$		CDCl_3	152.0(C1) 123.6(C2) 133.1(C3) 127.4(C4) 127.8(C5) 112.5(C6) 146.6(C1') 129.6(C2'/6') 129.4(C3'/5') 127.2(C4') $^1J(\text{C5},\text{H5})=169.5$ $^1J(\text{C6},\text{H6})=165.1$ $^1J(\text{C3}',\text{H3}')=168.3$ $^1J(\text{C4}',\text{H4}')=165.5$	95Nev
$\text{C}_{12}\text{H}_5\text{Cl}_5\text{O}$		CDCl_3	151.9(C1) 127.9(C2) 134.1(C3) 130.6(C4) 129.3(C5) 120.0(C6) 156.1(C1') 120.0(C2') 134.2(C3') 128.2(C4') 131.9(C5') 117.8(C6')	93Nev

Gross formula	Structure	Solvent	$\delta^3\text{C}$ [ppm] / J [Hz]	Ref.
			$^1J(\text{C5},\text{H5})=169.6$ $^1J(\text{C6},\text{H6})=166.0$ $^1J(\text{C2}',\text{H2}')=167.4$ $^1J(\text{C5}',\text{H5}')=167.4$ $^1J(\text{C6}',\text{H6}')=165.2$	
$\text{C}_{12}\text{H}_5\text{Cl}_5\text{O}$		CDCl_3	153.8(C1) 122.3(C2) 135.0(C3) 125.0(C4) 132.9(C5) 121.6(C6) 149.5(C1') 126.8(C2') 130.8(C3') 130.9(C4') 128.3(C5') 121.6(C6') $^1J(\text{C4},\text{H4})=174.8$ $^1J(\text{C6},\text{H6})=168.5$ $^1J(\text{C3}',\text{H3}')=170.9$ $^1J(\text{C5}',\text{H5}')=168.5$ $^1J(\text{C6}',\text{H6}')=164.5$	95Nev
$\text{C}_{12}\text{H}_5\text{Cl}_5\text{O}$		CDCl_3	148.0(C1) 129.0(C2) 132.9(C3) 127.6(C4) 128.8(C5) 127.8(C6) 150.6(C1') 123.7(C2') 130.6(C3') 128.2(C4') 127.5(C5') 115.0(C6') $^1J(\text{C4},\text{H4})=171.0$ $^1J(\text{C5},\text{H5})=170.6$ $^1J(\text{C3}',\text{H3}')=170.2$ $^1J(\text{C5}',\text{H5}')=167.5$ $^1J(\text{C6}',\text{H6}')=162.9$	95Nev
$\text{C}_{12}\text{H}_5\text{Cl}_5\text{O}$		CDCl_3	151.9(C1) 124.4(C2) 132.3(C3) 128.5(C4) 132.3(C5) 120.4(C6) 150.6(C1') 127.2(C2') 131.6(C3') 131.3(C4') 129.0(C5') 121.8(C6') $^1J(\text{C3},\text{H3})=171.8$ $^1J(\text{C6},\text{H6})=167.8$ $^1J(\text{C3}',\text{H3}')=171.1$ $^1J(\text{C5}',\text{H5}')=168.5$ $^1J(\text{C6}',\text{H6}')=164.2$	93Nev
$\text{C}_{12}\text{H}_5\text{Cl}_5\text{O}$		CDCl_3	151.4(C1) 124.9(C2) 132.4(C3) 129.2(C4) 132.5(C5) 121.3(C6) 152.3(C1') 124.5(C2') 132.4(C3') 126.4(C4') 134.2(C5') 120.8(C6') $^1J(\text{C3},\text{H3})=171.1$ $^1J(\text{C6},\text{H6})=167.7$ $^1J(\text{C3}',\text{H3}')=171.1$ $^1J(\text{C4}',\text{H4}')=171.5$ $^1J(\text{C6}',\text{H6}')=167.0$	93Nev
$\text{C}_{12}\text{H}_5\text{Cl}_5\text{O}$		CDCl_3	151.2(C1) 122.0(C2) 131.5(C3) 126.5(C4) 131.3(C5) 115.8(C6) 146.4(C1') 129.4(C2'/6') 129.4(C3'/5') 127.3(C4')	90Daw
$\text{C}_{12}\text{H}_5\text{Cl}_5\text{O}$		CDCl_3	151.3(C1) 125.8(C2) 132.4(C3) 129.6(C4) 132.6(C5) 123.0(C6) 155.8(C1') 120.5(C2') 134.4(C3') 128.4(C4') 132.0(C5') 117.9(C6') $^1J(\text{C3},\text{H3})=171.8$ $^1J(\text{C6},\text{H6})=168.5$ $^1J(\text{C2}',\text{H2}')=168.0$ $^1J(\text{C5}',\text{H5}')=167.8$ $^1J(\text{C6}',\text{H6}')=165.6$	93Nev

Gross formula	Structure	Solvent	$\delta^3\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_{12}\text{H}_5\text{Cl}_5\text{O}$		CDCl_3	153.3(C1) 123.8(C2) 135.2(C3) 126.0(C4) 133.1(C5) 119.0(C6) 154.8(C1') 120.2(C2') 133.7(C3') 128.0(C4') 131.3(C5') 117.6(C6') $^1J(\text{C4},\text{H4})=173.8$ $^1J(\text{C6},\text{H6})=168.9$ $^1J(\text{C2}',\text{H2}')=167.6$ $^1J(\text{C5}',\text{H5}')=168.2$ $^1J(\text{C6}',\text{H6}')=165.4$	95Nev
$\text{C}_{12}\text{H}_5\text{Cl}_5\text{O}$		CDCl_3	145.8(C1) 127.3(C2) 131.1(C3) 126.0(C4) 127.1(C5) 126.2(C6) 153.4(C1') 115.4(C2') 131.6(C3') 124.7(C4') 129.3(C5') 113.0(C6') $^1J(\text{C4},\text{H4})=170.7$ $^1J(\text{C5},\text{H5})=170.5$ $^1J(\text{C2}',\text{H2}')=167.3$ $^1J(\text{C5}',\text{H5}')=167.7$ $^1J(\text{C6}',\text{H6}')=165.1$	95Nev
$\text{C}_{12}\text{H}_5\text{Cl}_5\text{O}$		CDCl_3	145.8(C1) 130.2(C2/6) 129.2(C3/5) 131.8(C4) 150.8(C1') 123.7(C2') 130.6(C3') 128.2(C4') 127.5(C5') 115.0(C6') $^1J(\text{C3},\text{H3})=173.1$ $^1J(\text{C3}',\text{H3}')=170.2$ $^1J(\text{C5}',\text{H5}')=168.5$ $^1J(\text{C6}',\text{H6}')=162.9$	95Nev
$\text{C}_{12}\text{H}_5\text{Cl}_5\text{O}$		CDCl_3	148.9(C1) 127.8(C2/6) 132.5(C3/5) 127.7(C4) 154.5(C1') 116.3(C2'/6') 129.7(C3'/5') 128.2(C4')	77Edl
$\text{C}_{12}\text{H}_5\text{Cl}_5\text{O}$		CDCl_3	147.4(C1) 128.8(C2/6) 132.3(C3/5) 130.6(C4) 155.9(C1') 114.9(C2'/6') 129.8(C3'/5') 123.2(C4')	95Nev
$\text{C}_{12}\text{H}_5\text{Cl}_5\text{O}$		CDCl_3	145.5(C1) 130.4(C2/6) 129.2(C3/5) 131.8(C4) 155.3(C1') 117.2(C2') 133.4(C3') 126.5(C4') 131.0(C5') 114.7(C6') $^1J(\text{C3},\text{H3})=173.1$ $^1J(\text{C2}',\text{H2}')=167.3$ $^1J(\text{C5}',\text{H5}')=167.6$ $^1J(\text{C6}',\text{H6}')=165.1$	95Nev
$\text{C}_{12}\text{H}_5\text{Cl}_5\text{O}$		CDCl_3	155.0(C1) 119.0(C2/6) 135.0(C3/5) 126.7(C4) 154.5(C1') 121.4(C2') 133.8(C3') 128.9(C4') 131.4(C5') 118.8(C6') $^1J(\text{C2},\text{H2})=169.4$ $^1J(\text{C2}',\text{H2}')=167.7$ $^1J(\text{C5}',\text{H5}')=168.0$ $^1J(\text{C6}',\text{H6}')=165.3$	95Nev

Gross formula	Structure	Solvent	$\delta^3\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_{12}\text{H}_5\text{Cl}_5\text{O}_2$		CDCl_3	142.6(C1) 142.8(C2) 121.3(C3) 126.5(C4) 124.1(C5) 116.3(C6) 149.3(C1') 126.8(C2') 130.9(C3') 130.7(C4') 128.3(C5') 121.4(C6')	80Nor
$\text{C}_{12}\text{H}_5\text{Cl}_5\text{O}_2$		CDCl_3	138.0(C1) 146.0(C2) 120.2(C3) 127.3(C4) n.r.(C5) 124.5(C6) 154.8(C1') 116.4(C2'/6') 129.8(C3'/5') 128.5(C4')	80Nor
$\text{C}_{12}\text{H}_6\text{Br}_4$		CDCl_3	144.7(C1) 124.4(C2) 130.0(C3) 125.6(C4) 127.7(C5) 133.5(C6) 140.3(C1') 128.2(C2'/6') 128.8(C3'/5') 128.4(C4')	89Ank
$\text{C}_{12}\text{H}_6\text{Br}_4$		CDCl_3	144.2(C1) 123.1(C2) 125.2(C3) 128.4(C4) 135.4(C5) 127.7(C6) 141.8(C1') 128.5(C2'/6') 128.6(C3'/5') 128.5(C4')	89Ank
$\text{C}_{12}\text{H}_6\text{Br}_4$		CDCl_3	139.3(C1/1') 131.9(C2/2') 125.5(C3/3') 124.7(C4/4') 134.1(C5/5') 126.9(C6/6')	89Ank
$\text{C}_{12}\text{H}_6\text{Br}_4$		CDCl_3	141.7(C1/1') 128.9(C2/2'/6/6') 123.5(C3/3'/5/5') 133.7(C4/4')	89Ank
$\text{C}_{12}\text{H}_6\text{Br}_4\text{O}$		CDCl_3	148.4(C1) 119.3(C2/6) 135.7(C3/5) 119.3(C4) 155.5(C1') 116.9(C2'/6') 132.7(C3'/5') 115.2(C4')	00Hu
$\text{C}_{12}\text{H}_6\text{Br}_4\text{O}$		CDCl_3	152.3(C1/1') 115.2(C2/2') 136.3(C3/3') 117.2(C4/4') 131.8(C5/5') 120.6(C6/6')	00Hu
$\text{C}_{12}\text{H}_6\text{Br}_4\text{O}$		CDCl_3	152.2(C1) 112.6(C2) 136.1(C3) 115.1(C4) 131.1(C5) 115.4(C6) 148.8(C1') 118.4(C2'/6') 133.2(C3'/5') 128.1(C4')	00Hu
$\text{C}_{12}\text{H}_6\text{Br}_4\text{O}$		CDCl_3	151.8(C1) 116.4(C2) 136.4(C3) 118.0(C4) 132.0(C5) 122.5(C6) 156.3(C1') 122.6(C2') 125.5(C3') 118.6(C4') 134.3(C5') 117.9(C6')	00Hu

Gross formula	Structure	Solvent	$\delta^3\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_{12}\text{H}_6\text{Br}_4\text{O}$		CDCl_3	148.4(C1) 118.5(C2/6) 133.2(C3/5) 128.1(C4) 155.8(C1') 120.6(C2') 125.3(C3') 117.4(C4') 134.1(C5') 115.8(C6')	00Hu
$\text{C}_{12}\text{H}_6\text{Br}_4\text{O}$		CDCl_3	155.9(C1/1') 124.1(C2/2') 125.6(C3/3') 119.4(C4/4') 134.5(C5/5') 119.3(C6/6')	00Hu
$\text{C}_{12}\text{H}_6\text{Cl}_4$		CDCl_3	139.9(C1/1) 131.7(C2/2') 133.2(C3/3') 130.0(C4/4') 128.7(C5/5') 126.8(C6/6')	86Yan
$\text{C}_{12}\text{H}_6\text{Cl}_4$			139.0(C1) 131.8(C2) 133.3(C3) 130.1 ^a (C4) 128.7(C5) 126.8(C6) 139.2(C1') 131.6(C2') 130.5 ^a (C3') 129.2(C4') 132.2(C5') 130.3 ^a (C6')	86Yan
$\text{C}_{12}\text{H}_6\text{Cl}_4$		CDCl_3	135.5(C1/1') 134.1(C2/2') 131.6(C3/3') 134.6(C4/4') 126.7(C5/5') 129.2(C6/6')	86Yan
$\text{C}_{12}\text{H}_6\text{Cl}_4$		CDCl_3	135.4(C1) 134.0(C2) 131.4(C3) 134.8(C4) 126.7(C5) 129.2(C6) 138.4(C1') 131.7(C2') 130.7(C3') 129.2(C4') 132.2(C5') 130.3(C6')	86Yan
$\text{C}_{12}\text{H}_6\text{Cl}_4$		CDCl_3	138.2(C1/1) 131.5(C2/2') 130.5(C3/3') 129.3(C4/4') 132.2(C5/5') 130.3(C6/6')	86Yan
$\text{C}_{12}\text{H}_6\text{Cl}_4$		CDCl_3	139.2(C1) 130.4(C2) 130.9 ^a (C3) 129.9(C4) 132.3 ^b (C5) 130.5(C6) 137.6(C1') 128.9(C2') 132.6(C3') 132.2 ^b (C4') 130.8 ^a (C5') 128.3(C6')	86Yan
$\text{C}_{12}\text{H}_6\text{Cl}_4$		CDCl_3	134.9(C1/1) 134.8(C2/2'/6/6') 127.6(C3/3'/5/5') 129.8(C4/4')	86Yan
$\text{C}_{12}\text{H}_6\text{Cl}_4$		DBE	137.8(C1/1') 128.3(C2/2') 132.5(C3/3') 131.8(C4/4') 130.4(C5/5') 125.7(C6/6')	75Wil

Gross formula	Structure	Solvent	$\delta^3\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_{12}\text{H}_6\text{Cl}_4$		DBE	140.4(C1/1') 125.1(C2/2'/6/6') 134.9(C3/3'/5/5') 127.9(C4/4')	75Wil
$\text{C}_{12}\text{H}_6\text{Cl}_4$		CDCl_3	140.9(C1) 131.1(C2) 133.6(C3) 131.6(C4) 131.7(C5) 129.6(C6) 137.5(C1') 128.0(C2'/6') 128.8(C3'/5') 128.2(C4')	86Yan
$\text{C}_{12}\text{H}_6\text{Cl}_4$		CDCl_3	142.5(C1) 131.8(C2/6) 131.7(C3/5) 129.7(C4) 137.1(C1') 128.2(C2'/6') 128.6(C3'/5') 128.2(C4')	86Yan
$\text{C}_{12}\text{H}_6\text{Cl}_4\text{O}$		CDCl_3	153.8(C1) 124.6(C2) 135.0(C3) 126.1(C4) 128.1(C5) 117.5(C6) 151.0(C1') 126.7(C2') 131.1(C3') 130.4(C4') 128.6(C5') 121.1(C6') $^1J(\text{C4},\text{H4})=169.3$ $^1J(\text{C5},\text{H5})=164.0$ $^1J(\text{C6},\text{H6})=163.5$ $^1J(\text{C3}',\text{H3}')=170.6$ $^1J(\text{C5}',\text{H5}')=169.2$ $^1J(\text{C6}',\text{H6}')=163.6$	93Nev
$\text{C}_{12}\text{H}_6\text{Cl}_4\text{O}$		CDCl_3	151.4(C1/1') 126.7(C2/2') 131.4(C3/3') 130.4(C4/4') 128.8(C5/5') 120.8(C6/6') $^1J(\text{C3},\text{H3})=171.1$ $^1J(\text{C5},\text{H5})=168.7$ $^1J(\text{C6},\text{H6})=164.9$	93Nev
$\text{C}_{12}\text{H}_6\text{Cl}_4\text{O}$		CDCl_3	150.2(C1) 126.4(C2) 130.8(C3) 130.2(C4) 128.2(C5) 120.9(C6) 152.6(C1') 123.2(C2') 131.4(C3') 124.8(C4') 133.3(C5') 119.0(C6') $^1J(\text{C3},\text{H3})=170.9$ $^1J(\text{C5},\text{H5})=168.9$ $^1J(\text{C6},\text{H6})=164.0$ $^1J(\text{C3}',\text{H3}')=166.5$ $^1J(\text{C4}',\text{H4}')=169.3$ $^1J(\text{C6}',\text{H6}')=167.0$	95Nev
$\text{C}_{12}\text{H}_6\text{Cl}_4\text{O}$		CDCl_3	151.7(C1) 127.2(C2) 131.0(C3) 128.4(C4) 128.1(C5) 115.7(C6) 147.4(C1') 130.2(C2'/6') 129.8(C3'/5') 127.6(C4') $^1J(\text{C3},\text{H3})=170.1$ $^1J(\text{C5},\text{H5})=167.9$ $^1J(\text{C6},\text{H6})=163.2$ $^1J(\text{C3}',\text{H3}')=168.1$ $^1J(\text{C4}',\text{H4}')=165.8$	93Nev
$\text{C}_{12}\text{H}_6\text{Cl}_4\text{O}$		CDCl_3	150.1(C1) 128.2(C2) 131.5(C3) 131.6(C4) 129.0(C5) 123.4(C6) 158.6(C1') 116.4(C2'/6') 136.4(C3'/5') 124.2(C4')	93Nev

Gross formula	Structure	Solvent	$\delta^3\text{C}$ [ppm] / J [Hz]	Ref.
			$^1J(\text{C3},\text{H3})=171.1$ $^1J(\text{C5},\text{H5})=168.4$ $^1J(\text{C6},\text{H6})=165.9$ $^1J(\text{C2}',\text{H2}')=168.2$ $^1J(\text{C4}',\text{H4}')=172.8$	
$\text{C}_{12}\text{H}_6\text{Cl}_4\text{O}$		CDCl_3	156.0(C1/1') 121.6(C2/2') 134.2(C3/3') 128.4(C4/4') 131.9(C5/5') 119.0(C6/6') $^1J(\text{C2},\text{H2})=167.7$ $^1J(\text{C5},\text{H5})=166.9$ $^1J(\text{C6},\text{H6})=165.6$	93Nev
$\text{C}_{12}\text{H}_6\text{Cl}_4\text{O}$		CDCl_3	146.5(C1) 129.8(C2/6) 129.4(C3/5) 127.0(C4) 155.6(C1') 117.2(C2') 133.3(C3') 126.2(C4') 130.9(C5') 114.8(C6') $^1J(\text{C3},\text{H3})=168.4$ $^1J(\text{C4},\text{H4})=165.2$ $^1J(\text{C2}',\text{H2}')=167.2$ $^1J(\text{C5}',\text{H5}')=167.5$ $^1J(\text{C6}',\text{H6}')=164.9$	95Nev
$\text{C}_{12}\text{H}_6\text{Cl}_4\text{O}$		CDCl_3	151.6(C1) 124.7(C2) 131.6(C3) 128.0(C4) 131.7(C5) 121.4(C6) 154.6(C1') 119.6(C2'/6') 130.1(C3'/5') 129.6(C4') $^1J(\text{C3},\text{H3})=171.6$ $^1J(\text{C6},\text{H6})=168.3$ $^1J(\text{C2}',\text{H2}')=163.3$ $^1J(\text{C3}',\text{H3}')=166.6$	95Nev
$\text{C}_{12}\text{H}_6\text{Cl}_4\text{O}$		CDCl_3	145.9(C1) 130.5(C2/6) 129.0(C3/5) 131.2(C4) 155.0(C1') 116.2(C2'/6') 129.6(C3'/5') 127.9(C4')	77Edl
$\text{C}_{12}\text{H}_6\text{Cl}_4\text{O}$		CDCl_3	155.7(C1) 118.4(C2/6) 134.7(C3/5) 125.7(C4) 153.8(C1') 120.9(C2'/6') 130.2(C3'/5') 130.1(C4')	77Edl
$\text{C}_{12}\text{H}_6\text{Cl}_4\text{O}$		CDCl_3	147.1(C1) 130.5(C2) 131.6(C3) 130.7(C4) 129.1(C5) 128.3(C6) 156.2(C1') 114.9(C2'/6') 129.7(C3'/5') 123.0(C4')	95Nev
$\text{C}_{12}\text{H}_6\text{Cl}_4\text{O}$		CDCl_3	149.3(C1) 127.9(C2/6) 132.3(C3/5) 127.4(C4) 156.0(C1') 114.9(C2'/6') 129.7(C3'/5') 123.0(C4')	77Edl
$\text{C}_{12}\text{H}_6\text{Cl}_4\text{O}_2$		CDCl_3	142.7(C1) 145.5(C2) 117.8(C3) 127.7(C4) 123.3(C5) 117.9(C6) 149.5(C1') 126.6(C2') 130.9(C3') 130.9(C4') 128.5(C5') 121.5(C6')	80Nor

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_{12}\text{H}_6\text{Cl}_4\text{O}_2$		Ac-d_6	127.6(C1/1') 150.4(C2/2') 122.9(C3/3') 129.7(C4/4') 124.7(C5/5') 130.5(C6/6')	78Löt
$\text{C}_{12}\text{H}_6\text{Cl}_4\text{O}_2$		Ac-d_6	132.2(C1/1') 127.3(C2/2'/6/6') 123.1(C3/3'/5/5') 149.4(C4/4')	78Löt
$\text{C}_{12}\text{H}_6\text{N}_2$		Ac-d_6	111.5(C1/5) 134.8(C2/6) 128.6(C3/7) 130.3(C4/8) 132.2(C4a/8a) 116.7(CN)	96Sch
$\text{C}_{12}\text{H}_7\text{Br}_3$		CDCl_3	142.7(C1) 131.0(C2/6) 126.3(C3/5) 126.1(C4) 137.5(C1') 126.9(C2'/6') 129.1(C3'/5') 128.6(C4')	89Ank
$\text{C}_{12}\text{H}_7\text{Br}_3$		CDCl_3	142.1(C1) 124.9(C2/6) 134.2(C3/5) 121.8(C4) 140.2(C1') 129.0 ^a (C2'/6') 128.3 ^a (C3'/5') 128.3(C4')	89Ank
$\text{C}_{12}\text{H}_7\text{Br}_3$		CDCl_3	143.2(C1) 121.7(C2) 137.0(C3) 124.2(C4) 123.7(C5) 135.3(C6) 138.9(C1') 129.1(C2'/6') 128.2(C3'/5') 128.3(C4')	89Ank
$\text{C}_{12}\text{H}_7\text{Br}_3\text{O}$		CDCl_3	148.7(C1) 119.6(C2/6) 135.4(C3/5) 118.9(C4) 156.2(C1') 115.5(C2'/6') 129.7(C3'/5') 122.7(C4')	00Hu
$\text{C}_{12}\text{H}_7\text{Br}_3\text{O}$		CDCl_3	152.9(C1) 114.9(C2) 136.2(C3) 116.4(C4) 131.6(C5) 120.1(C6) 152.8(C1') 114.6(C2') 134.1(C3') 125.7(C4') 128.8(C5') 120.0(C6')	00Hu
$\text{C}_{12}\text{H}_7\text{Br}_3\text{O}$		CDCl_3	152.2(C1) 116.2(C2) 136.3(C3) 117.5(C4) 131.9(C5) 122.2(C6) 157.4(C1') 121.0(C2') 123.1(C3') 126.7(C4') 131.0(C5') 116.4(C6')	00Hu

Gross formula	Structure	Solvent	$\delta^3\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_{12}\text{H}_7\text{Br}_3\text{O}$		CDCl_3	152.6(C1) 116.0(C2) 136.3(C3) 117.2(C4) 131.8(C5) 121.8(C6) 155.8(C1') 119.7(C2'/6') 132.9(C3'/5') 116.3(C4')	00Hu
$\text{C}_{12}\text{H}_7\text{Br}_3\text{O}$		CDCl_3	148.9(C1) 118.7(C2/6) 133.1(C3/5) 127.7(C4) 155.6(C1') 117.0(C2'/6') 132.6(C3'/5') 114.9(C4')	00Hu
$\text{C}_{12}\text{H}_7\text{Br}_3\text{O}$		CDCl_3	156.8(C1) 122.5(C2) 125.3(C3) 118.1(C4) 134.2(C5) 117.8(C6) 152.4(C1') 115.5(C2') 134.2(C3') 126.2(C4') 129.0(C5') 121.6(C6')	00Hu
$\text{C}_{12}\text{H}_7\text{Br}_3\text{O}$		CDCl_3	156.3(C1) 124.0(C2) 125.4(C3) 118.9(C4) 134.3(C5) 119.2(C6) 157.0(C1') 122.4(C2') 123.1(C3') 127.3(C4') 131.1(C5') 117.7(C6')	00Hu
$\text{C}_{12}\text{H}_7\text{Br}_3\text{O}$		CDCl_3	156.7(C1) 123.6(C2) 125.4(C3) 118.5(C4) 134.3(C5) 118.9(C6) 155.3(C1') 121.0(C2'/6') 133.0(C3'/5') 117.0(C4')	00Hu
$\text{C}_{12}\text{H}_7\text{Br}_3\text{O}$		CDCl_3	148.7(C1) 119.6(C2/6) 135.4(C3/5) 118.9(C4) 156.2(C1') 115.5(C2'/6') 129.7(C3'/5') 122.7(C4')	00Hu
$\text{C}_{12}\text{H}_7\text{Cl}_3$		CDCl_3	137.7(C1) 133.0(C2) 131.5(C3) 133.9(C4) 126.9(C5) 129.6(C6) 136.4(C1') 128.1(C2'/6') 130.3(C3'/5') 133.9(C4')	86Yan
$\text{C}_{12}\text{H}_7\text{Cl}_3$		CDCl_3	139.6(C1) 131.8(C2) 130.8 ^a (C3) 128.9(C4) 132.1(C5) 130.6 ^a (C6) 137.0(C1') 133.2(C2') 130.2 ^a (C3') 129.3(C4') 126.2(C5') 129.3(C6')	86Yan
$\text{C}_{12}\text{H}_7\text{Cl}_3$		CDCl_3	140.3(C1) 130.5(C2) 130.8 ^a (C3) 128.6(C4) 132.5(C5) 130.7 ^a (C6) 139.6(C1') 129.1(C2') 133.9(C3') 127.9(C4') 129.1(C5') 127.2(C6')	86Yan
$\text{C}_{12}\text{H}_7\text{Cl}_3$		CDCl_3	140.5(C1) 130.5(C2) 130.8 ^a (C3) 128.5(C4) 132.5(C5) 130.7 ^a (C6) 136.3(C1') 128.2(C2'/6') 130.3(C3'/5') 134.1(C4')	86Yan

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_{12}\text{H}_7\text{Cl}_3$		CDCl_3	138.8(C1) 129.8 ^a (C2) 132.0(C3) 131.6(C4) 130.6 ^b (C5) 128.5(C6) 137.7(C1') 131.8(C2') 131.0 ^b (C3') 129.6 ^a (C4') 126.6(C5') 128.9(C6')	86Yan
$\text{C}_{12}\text{H}_7\text{Cl}_3$		CDCl_3	140.9(C1) 132.0(C2) 132.6(C3) 132.8(C4) 128.9(C5) 127.7 ^a (C6) 138.4(C1') 127.9(C2'/6') 128.8(C3'/5') 127.8 ^a (C4')	86Yan
$\text{C}_{12}\text{H}_7\text{Cl}_3$		CDCl_3	141.1(C1) 133.3(C2) 131.7(C3) 128.0(C4) 129.4(C5) 132.9(C6) 136.9(C1') 128.0(C2'/6') 128.9(C3'/5') 128.0(C4')	86Yan
$\text{C}_{12}\text{H}_7\text{Cl}_3$		CDCl_3	140.2(C1) 131.1 ^a (C2) 132.0(C3) 131.7 ^a (C4) 130.8(C5) 130.9(C6) 137.0(C1') 128.0(C2'/6') 128.9(C3'/5') 128.0(C4')	86Yan
$\text{C}_{12}\text{H}_7\text{Cl}_3$		CDCl_3	138.0(C1) 135.3(C2/6) 129.2(C3/5) 133.6(C4) 135.8(C1') 127.7 ^a (C2'/6') 128.0 ^a (C3'/5') 128.0(C4')	86Yan
$\text{C}_{12}\text{H}_7\text{Cl}_3\text{O}$		CDCl_3	153.6(C1) 125.0(C2) 134.4(C3) 125.6(C4) 127.6(C5) 118.5(C6) 155.1(C1') 119.3(C2'/6') 129.8(C3'/5') 128.8(C4') $^1J(\text{C4},\text{H4})=168.5$ $^1J(\text{C5},\text{H5})=164.7$ $^1J(\text{C6},\text{H6})=164.4$ $^1J(\text{C2}',\text{H2}')=163.3$ $^1J(\text{C3}',\text{H3}')=166.2$	95Nev
$\text{C}_{12}\text{H}_7\text{Cl}_3\text{O}$		CDCl_3	151.2(C1) 125.7(C2) 131.0(C3) 129.1(C4) 127.9(C5) 119.8(C6) 151.7(C1') 125.3(C2') 130.5(C3') 125.2(C4') 128.0(C5') 119.9(C6') $^1J(\text{C3},\text{H3})=169.7$ $^1J(\text{C5},\text{H5})=167.7$ $^1J(\text{C6},\text{H6})=164.2$ $^1J(\text{C3}',\text{H3}')=165.4$ $^1J(\text{C4}',\text{H4}')=163.2$ $^1J(\text{C5}',\text{H5}')=162.3$ $^1J(\text{C6}',\text{H6}')=161.9$	95Nev
$\text{C}_{12}\text{H}_7\text{Cl}_3\text{O}$		CDCl_3	150.4(C1) 127.1(C2) 130.6(C3) 130.1(C4) 128.2(C5) 122.1(C6) 157.5(C1') 117.8(C2') 135.2(C3') 123.6(C4') 130.5(C5') 115.6(C6') $^1J(\text{C3},\text{H3})=170.8$ $^1J(\text{C5},\text{H5})=168.6$ $^1J(\text{C6},\text{H6})=164.9$ $^1J(\text{C2}',\text{H2}')=165.9$ $^1J(\text{C4}',\text{H4}')=168.0$ $^1J(\text{C5}',\text{H5}')=163.1$ $^1J(\text{C6}',\text{H6}')=163.3$	95Nev

Gross formula	Structure	Solvent	$\delta^3\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_{12}\text{H}_7\text{Cl}_3\text{O}$		CDCl_3	150.8(C1) 126.7(C2) 130.5(C3) 129.6(C4) 128.0(C5) 121.5(C6) 155.2(C1') 118.9(C2'/6') 129.8(C3'/5') 128.6(C4') $^1J(\text{C3},\text{H3})=170.7$ $^1J(\text{C5},\text{H5})=168.2$ $^1J(\text{C6},\text{H6})=164.5$ $^1J(\text{C2}',\text{H2}')=163.1$ $^1J(\text{C3}',\text{H3}')=166.3$	95Nev
$\text{C}_{12}\text{H}_7\text{Cl}_3\text{O}$		CDCl_3	152.9(C1) 124.0(C2) 131.4(C3) 124.9(C4) 133.2(C5) 120.4(C6) 154.7(C1') 119.6(C2'/6') 130.0(C3'/5') 129.2(C4')	90Daw
$\text{C}_{12}\text{H}_7\text{Cl}_3\text{O}$		CDCl_3	146.9(C1) 129.8(C2/6) 129.2(C3/5) 126.5(C4) 155.3(C1') 116.3(C2'/6') 129.5(C3'/5') 127.6(C4') $^1J(\text{C3},\text{H3})=167.7$ $^1J(\text{C4},\text{H4})=165.2$ $^1J(\text{C2}',\text{H2}')=162.8$ $^1J(\text{C3}',\text{H3}')=165.9$	95Nev
$\text{C}_{12}\text{H}_7\text{Cl}_3\text{O}$		CDCl_3	156.2(C1) 119.0(C2) 133.1(C3) 126.3(C4) 131.0(C5) 116.6(C6) 151.0(C1') 126.1(C2') 129.9(C3') 125.8(C4') 128.1(C5') 121.6(C6') $^1J(\text{C2},\text{H2})=167.3$ $^1J(\text{C5},\text{H5})=167.2$ $^1J(\text{C6},\text{H6})=165.3$ $^1J(\text{C3}',\text{H3}')=165.4$ $^1J(\text{C4}',\text{H4}')=162.8$ $^1J(\text{C5}',\text{H5}')=162.5$ $^1J(\text{C6}',\text{H6}')=162.5$	95Nev
$\text{C}_{12}\text{H}_7\text{Cl}_3\text{O}$		CDCl_3	155.6(C1) 120.8(C2) 133.4(C3) 127.3(C4) 131.1(C5) 118.3(C6) 157.0(C1') 119.4(C2') 135.3(C3') 124.3(C4') 130.7(C5') 117.1(C6') $^1J(\text{C2},\text{H2})=167.3$ $^1J(\text{C5},\text{H5})=167.4$ $^1J(\text{C6},\text{H6})=165.1$ $^1J(\text{C2}',\text{H2}')=166.9$ $^1J(\text{C4}',\text{H4}')=167.4$ $^1J(\text{C5}',\text{H5}')=163.0$ $^1J(\text{C6}',\text{H6}')=163.4$	95Nev
$\text{C}_{12}\text{H}_7\text{Cl}_3\text{O}$		CDCl_3	156.1(C1) 120.2(C2) 133.2(C3) 126.8(C4) 131.0(C5) 117.8(C6) 154.6(C1') 120.4(C2'/6') 129.9(C3'/5') 129.3(C4') $^1J(\text{C2},\text{H2})=167.3$ $^1J(\text{C5},\text{H5})=167.6$ $^1J(\text{C6},\text{H6})=165.3$ $^1J(\text{C2}',\text{H2}')=162.7$ $^1J(\text{C3}',\text{H3}')=166.4$	95Nev
$\text{C}_{12}\text{H}_7\text{Cl}_3\text{O}$		CDCl_3	152.0(C1) 124.4(C2) 131.2(C3) 127.2(C4) 131.3(C5) 120.9(C6) 155.7(C1') 118.6(C2'/6') 130.0(C3'/5') 124.4(C4')	77Edl

Landolt-Börnstein
New Series III/35D2

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / J [Hz]	Ref.
			$^1J(\text{F}, \text{C}3)=263.3$ $^2J(\text{F}, \text{C}4)=25.8$ $^2J(\text{F}, \text{C}2\text{a})=14.4$ $^3J(\text{F}, \text{C}2)=2.4$ $^3J(\text{F}, \text{C}5)=8.0$ $^3J(\text{F}, \text{C}8\text{b})=10.1$ $^4J(\text{F}, \text{C}1)=2.4$ $^4J(\text{F}, \text{C}5\text{a})=1.0$ $^4J(\text{F}, \text{C}8\text{a})=4.2$ $^5J(\text{F}, \text{C}6)=0.5$ $^5J(\text{F}, \text{C}8)=1.2$ $^6J(\text{F}, \text{C}7)=2.0$	
$\text{C}_{12}\text{H}_7\text{F}$		$\text{CS}_2/\text{Ac-d}_6$	131.4(C1) 128.4(C2) 114.4(C3) 162.8(C4) 110.0(C5) 127.1(C6) 128.7(C7) 123.7(C8) 141.8(C2a) 127.8(C5a) 138.9(C8a) 125.1(C8b)	77Han1
			$^1J(\text{F}, \text{C}4)=245.0$ $^2J(\text{F}, \text{C}3)=27.7$ $^2J(\text{F}, \text{C}5)=22.8$ $^3J(\text{F}, \text{C}2\text{a})=9.8$ $^3J(\text{F}, \text{C}5\text{a})=10.2$ $^4J(\text{F}, \text{C}2)=2.9$ $^4J(\text{F}, \text{C}6)=5.4$ $^5J(\text{F}, \text{C}1)=0.5$ $^5J(\text{F}, \text{C}7)=0.6$ $^5J(\text{F}, \text{C}8\text{a})=1.0$ $^6J(\text{F}, \text{C}8)=2.1$	
$\text{C}_{12}\text{H}_7\text{F}$		$\text{CS}_2/\text{Ac-d}_6$	129.2(C1) 129.4(C2) 124.7(C3) 111.4(C4) 160.0(C5) 120.8(C6) 128.1(C7) 124.8(C8) 135.9(C2a) 119.1(C5a) 139.6(C8a) 129.8(C8b)	77Han1
			$^1J(\text{F}, \text{C}5)=259.9$ $^2J(\text{F}, \text{C}4)=21.5$ $^2J(\text{F}, \text{C}5\text{a})=19.3$ $^3J(\text{F}, \text{C}3)=8.1$ $^3J(\text{F}, \text{C}6)=1.6$ $^3J(\text{F}, \text{C}8\text{b})=6.4$ $^4J(\text{F}, \text{C}2\text{a})=4.0$ $^4J(\text{F}, \text{C}7)=1.1$ $^4J(\text{F}, \text{C}8\text{a})=2.2$ $^5J(\text{F}, \text{C}2)=0.4$ $^5J(\text{F}, \text{C}8)=0.9$ $^6J(\text{F}, \text{C}1)=2.9$	
$\text{C}_{12}\text{H}_7\text{F}_3\text{O}$		CDCl_3	117.2(C1) 140.9(C2) 119.6(C3) 139.1(C4) 130.1(C5) 140.6(C6) 131.5(C7) 139.4(C8) 147.2 ^a (C3a) 143.8 ^a (C8a) 175.8(CO) 117.5(CF ₃)	80Wel
			$^1J(\text{F}, \text{C})=292$ $^1J(\text{C}2, \text{H}2)=167.9$ $^1J(\text{C}3, \text{H}3)=171.2$ $^1J(\text{C}4, \text{H}4)=155.3$ $^1J(\text{C}5, \text{H}5)=157.2$ $^1J(\text{C}6, \text{H}6)=157.1$ $^1J(\text{C}7, \text{H}7)=159.5$ $^1J(\text{C}8, \text{H}8)=160.5$	
$\text{C}_{12}\text{H}_7\text{F}_3\text{O}_2$		CDCl_3 220K	n.r.(C1) 164.2(C2) 118.5(C3) 139.7(C4) 94Han 125.0(C5) 128.4(C6) 128.7(C7) 124.1(C8) n.r.(C4a) n.r.(C8a) 185.4(CO) 116.3(CF ₃)	
$\text{C}_{12}\text{H}_7\text{NO}$		$\text{CDCl}_3/$ DMSO-d_6	110.6(C1) 133.5(C2) 128.2(C3) 130.4(C4) 131.8(C5) 138.0(C6) 127.9(C7) 131.6(C8) 130.1(C4a) 132.5(C8a) 117.4(CN) 193.1(CHO)	96Sch

Gross formula	Structure	Solvent	$\delta^3\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_{12}\text{H}_7\text{N}_2\text{O}$		CDCl_3	130.1(C1) 115.8(C2) 128.1 ^a (C3) 122.7(C4) 123.0(C5) 128.4 ^a (C6) 131.3(C7) 127.1(C8) 129.6(C4a) n.r.(C8a) 186.8(CO) 66.6(CH)	77Alb
C_{12}H_8		CDCl_3	117.8(C1/1'/4/4') 128.4(C2/2'/3/3') 151.7(C5/5'/6/6')	73Jon
C_{12}H_8		CCl_4 / CDCl_3	113.5(C1/4/5/8) 122.8(C2/3/6/7) 140.1(C4a/8a) 19.9(CH_2) $^1J(\text{CH}_2)=140.1$	74Ipp
$\text{C}_{12}\text{H}_8\text{BrNO}_2\text{S}$		CDCl_3	129.8(C1) 135.7(C2/6) 132.1(C3/5) 124.0(C4) 145.5(C1') 127.1(C2'/6') 124.0(C3'/5') 147.2(C4')	87Cha
$\text{C}_{12}\text{H}_8\text{BrNO}_3\text{S}$		CDCl_3	143.5(C1) 126.2(C2/6) 132.9(C3/5) 126.5(C4) 152.4(C1') 125.1(C2'/6') 125.4(C3'/5') 149.3(C4')	89Cha
$\text{C}_{12}\text{H}_8\text{BrNO}_4\text{S}$		CDCl_3	139.1(C1) 129.6(C2/6) 133.1(C3/5) 129.7(C4) 146.9(C1') 129.1(C2'/6') 124.7(C3'/5') 150.5(C4')	89Cha
$\text{C}_{12}\text{H}_8\text{Br}_2$		CDCl_3	141.6(C1) 123.3 ^a (C2) 135.3(C3) 121.3 ^a (C4) 132.2 ^b (C5) 130.5 ^b (C6) 140.0(C1') 128.1(C2'/6') 129.2(C3'/5') 127.9(C4')	89Ank
$\text{C}_{12}\text{H}_8\text{Br}_2$		CDCl_3	143.0(C1) 124.5(C2/6) 131.8(C3/5) 129.8(C4) 141.2(C1') 128.2(C2'/6') 129.1(C3'/5') 128.1(C4')	89Ank
$\text{C}_{12}\text{H}_8\text{Br}_2$		CDCl_3	141.9(C1) 132.1(C2) 125.2(C3) 123.6(C4) 133.6(C5) 127.2(C6) 138.6(C1') 126.9(C2'/6') 129.0(C3'/5') 128.1(C4')	89Ank
$\text{C}_{12}\text{H}_8\text{Br}_2$		CDCl_3	144.7(C1) 129.0(C2/6) 123.2(C3/5) 132.5(C4) 138.3(C1') 127.1(C2'/6') 129.0(C3'/5') 128.4(C4')	89Ank
$\text{C}_{12}\text{H}_8\text{Br}_2$		CDCl_3	138.9(C1) 128.5(C2/2'/6/6') 132.0(C3/3'/5/5') 121.9(C4/4')	89Ank

Gross formula	Structure	Solvent	$\delta^3\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_{12}\text{H}_8\text{Br}_2\text{O}$		CDCl_3	153.3(C1) 115.7(C2) 136.0(C3) 116.4(C4) 131.6(C5) 121.4(C6) 156.5(C1') 118.3(C2'/6') 129.9(C3'/5') 123.8(C4')	00Hu
$\text{C}_{12}\text{H}_8\text{Br}_2\text{O}$		CDCl_3	149.2(C1) 119.0(C2/6) 133.0(C3/5) 127.4(C4) 156.5(C1') 115.1(C2'/6') 129.6(C3'/5') 122.5(C4')	00Hu
$\text{C}_{12}\text{H}_8\text{Br}_2\text{O}$		CDCl_3	157.3(C1) 123.4(C2) 125.2(C3) 117.9(C4) 134.1(C5) 118.8(C6) 156.0(C1') 119.4(C2'/6') 130.0(C3'/5') 124.3(C4')	00Hu
$\text{C}_{12}\text{H}_8\text{Br}_2\text{O}$		CDCl_3	153.1(C1) 115.2(C2) 134.0(C3) 125.6(C4) 128.8(C5) 121.1(C6) 156.2(C1') 119.5(C2'/6') 132.7(C3'/5') 115.7(C4')	00Hu
$\text{C}_{12}\text{H}_8\text{Br}_2\text{O}$		CDCl_3	157.8(C1) 121.9(C2) 123.0(C3) 126.6(C4) 130.9(C5) 117.3(C6) 155.6(C1') 120.9(C2'/6') 132.9(C3'/5') 116.5(C4')	00Hu
$\text{C}_{12}\text{H}_8\text{Br}_2\text{O}$		CDCl_3	156.0(C1) 120.6(C2/6) 132.8(C3/5) 116.2(C4) 156.0(C1') 120.6(C2'/6') 132.8(C3'/5') 116.2(C4')	00Hu
$\text{C}_{12}\text{H}_8\text{ClNO}_2\text{S}$		CDCl_3	129.0(C1) 135.6(C2/6) 130.1(C3/5) 135.8(C4) 145.4(C1') 126.8(C2'/6') 124.0(C3'/5') 147.4(C4')	87Cha
$\text{C}_{12}\text{H}_8\text{ClNO}_3\text{S}$		CDCl_3	143.0(C1) 126.2(C2/6) 130.1(C3/5) 138.4(C4) 152.6(C1') 125.2(C2'/6') 124.6(C3'/5') 149.4(C4')	89Cha
$\text{C}_{12}\text{H}_8\text{ClNO}_4\text{S}$		CDCl_3	138.5(C1) 129.5(C2/6) 130.1(C3/5) 141.1(C4) 146.9(C1') 129.0(C2'/6') 124.7(C3'/5') 150.5(C4')	89Cha
$\text{C}_{12}\text{H}_8\text{Cl}_2$		CDCl_3	137.9(C1/1') 133.1(C2/2') 130.8(C3/3') 128.8(C4/4') 126.1(C5/5') 129.0(C6/6')	86Yan
$\text{C}_{12}\text{H}_8\text{Cl}_2$		CDCl_3	139.1(C1) 132.2(C2) 130.8(C3) 129.7(C4) 126.5(C5) 128.5(C6) 137.5(C1') 128.0(C2') 130.4(C3') 133.5(C4') 130.4(C5') 128.0(C6')	86Yan
$\text{C}_{12}\text{H}_8\text{Cl}_2$		CDCl_3	141.4(C1/1') 127.6 ^a (C2/2') 134.6(C3/3') 127.0 ^a (C4/4') 129.7(C5/5') 124.9(C6/6')	86Yan

Gross formula	Structure	Solvent	$\delta^3\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_{12}\text{H}_8\text{Cl}_2$		CDCl_3	138.2(C1/1') 127.9(C2/2'/6/6') 128.7(C3/3'/5/5') 133.6(C4/4')	86Yan
$\text{C}_{12}\text{H}_8\text{Cl}_2$		CDCl_3	142.6(C1) 130.9(C2) 133.3(C3) 129.1 ^a (C4) 129.0 ^a (C5) 126.7(C6) 139.0(C1') 127.8(C2'/6') 128.9(C3'/5') 127.6(C4')	86Yan
$\text{C}_{12}\text{H}_8\text{Cl}_2$		CDCl_3	139.2(C1) 133.4(C2) 132.1(C3) 133.8(C4) 127.2(C5) 129.8(C6) 138.4(C1') 128.2(C2'/6') 129.4(C3'/5') 127.9(C4')	86Yan
$\text{C}_{12}\text{H}_8\text{Cl}_2$		CDCl_3	141.7(C1) 130.6(C2) 130.8 ^a (C3) 128.1(C4) 132.3(C5) 130.6 ^a (C6) 137.9(C1') 127.8(C2'/6') 128.9(C3'/5') 127.7(C4')	86Yan
$\text{C}_{12}\text{H}_8\text{Cl}_2$		CDCl_3	139.4(C1) 134.8(C2/6) 127.8 ^a (C3/5) 128.6(C4) 136.7(C1') 127.7 ^a (C2'/6') 129.2(C3'/5') 127.7(C4')	86Yan
$\text{C}_{12}\text{H}_8\text{Cl}_2$		CDCl_3	141.0(C1) 128.7(C2) 132.6(C3) 131.2(C4) 130.3(C5) 126.0(C6) 138.5(C1') 126.6(C2'/6') 128.6(C3'/5') 127.8(C4')	86Yan
$\text{C}_{12}\text{H}_8\text{Cl}_2$		CDCl_3	144.4(C1) 125.8(C2/6) 135.4(C3/5) 128.5(C4) 138.8(C1') 127.2(C2'/6') 129.1(C3'/5') 127.2(C4')	86Yan
$\text{C}_{12}\text{H}_8\text{Cl}_2\text{N}_2\text{S}$		CDCl_3	144.0(C1/1') 124.5(C2/2'/6/6') 129.0(C3/3'/5/5') 132.5(C4/4')	76Kre
$\text{C}_{12}\text{H}_8\text{Cl}_2\text{O}$		CDCl_3	157.8(C1) 118.8(C2) 135.1(C3) 123.5(C4) 130.4(C5) 116.6(C6) 154.9(C1') 120.4(C2'/6') 129.8(C3'/5') 128.9(C4') $^1J(\text{C2}, \text{H2})=166.1$ $^1J(\text{C4}, \text{H4})=168.0$ $^1J(\text{C5}, \text{H5})=162.6$ $^1J(\text{C6}, \text{H6})=164.2$ $^1J(\text{C2}', \text{H2}')=163.0$ $^1J(\text{C3}', \text{H3}')=166.1$	95Nev
$\text{C}_{12}\text{H}_8\text{Cl}_2\text{O}$		CDCl_3	155.6(C1) 120.1(C2/6) 129.8(C3/5) 128.7(C4) 155.6(C1') 120.1(C2'/6') 129.8(C3'/5') 128.7(C4')	95Nev

Gross formula	Structure	Solvent	$\delta^3\text{C}$ [ppm] / J [Hz]	Ref.
			$^1J(\text{C2},\text{H2})=163.0$ $^1J(\text{C3},\text{H3})=165.2$	
$\text{C}_{12}\text{H}_8\text{Cl}_2\text{O}$		CDCl_3	151.4(C1) 126.6(C2) 130.4(C3) 129.1(C4) 128.0(C5) 121.3(C6) 156.6(C1') 118.0(C2'/6') 130.2(C3'/5') 123.7(C4')	95Nev
			$^1J(\text{C3},\text{H3})=170.2$ $^1J(\text{C5},\text{H5})=167.9$ $^1J(\text{C6},\text{H6})=164.1$	
$\text{C}_{12}\text{H}_8\text{Cl}_2\text{O}$		CDCl_3	157.8(C1) 118.8(C2) 135.1(C3) 123.5(C4) 130.4(C5) 116.6(C6) 154.9(C1') 120.4(C2'/6') 129.8(C3'/5') 128.9(C4')	95Nev
			$^1J(\text{C2},\text{H2})=166.1$ $^1J(\text{C4},\text{H4})=168.0$ $^1J(\text{C5},\text{H5})=162.6$ $^1J(\text{C6},\text{H6})=164.2$ $^1J(\text{C2}',\text{H2}')=163.0$ $^1J(\text{C3}',\text{H3}')=166.1$	
$\text{C}_{12}\text{H}_8\text{Cl}_2\text{O}$		CDCl_3	155.6(C1) 120.1(C2/6) 129.8(C3/5) 128.7(C4) 155.6(C1') 120.1(C2'/6') 129.8(C3'/5') 128.7(C4')	95Nev
			$^1J(\text{C2},\text{H2})=163.0$ $^1J(\text{C3},\text{H3})=165.2$	
$\text{C}_{12}\text{H}_8\text{Cl}_2\text{O}$		CDCl_3	151.9(C1) 126.0(C2) 130.9(C3) 125.1(C4) 128.0(C5) 121.0(C6) 155.6(C1') 118.9(C2'/6') 129.6(C3'/5') 128.2(C4')	95Nev
			$^1J(\text{C3},\text{H3})=165.0$ $^1J(\text{C4},\text{H4})=163.1$ $^1J(\text{C5},\text{H5})=162.4$ $^1J(\text{C6},\text{H6})=162.3$ $^1J(\text{C2}',\text{H2}')=163.0$ $^1J(\text{C3}',\text{H3}')=165.2$	
$\text{C}_{12}\text{H}_8\text{Cl}_2\text{O}$		CDCl_3	157.8(C1) 118.8(C2) 135.1(C3) 123.5(C4) 130.4(C5) 116.6(C6) 154.9(C1') 120.4(C2'/6') 129.8(C3'/5') 128.9(C4')	95Nev
			$^1J(\text{C2},\text{H2})=166.1$ $^1J(\text{C4},\text{H4})=168.0$ $^1J(\text{C5},\text{H5})=162.6$ $^1J(\text{C6},\text{H6})=164.2$ $^1J(\text{C2}',\text{H2}')=163.0$ $^1J(\text{C3}',\text{H3}')=166.1$	
$\text{C}_{12}\text{H}_8\text{Cl}_2\text{O}$		CDCl_3	155.6(C1) 120.1(C2/6) 129.8(C3/5) 128.7(C4) 155.6(C1') 120.1(C2'/6') 129.8(C3'/5') 128.7(C4')	95Nev
			$^1J(\text{C2},\text{H2})=163.0$ $^1J(\text{C3},\text{H3})=165.2$	
$\text{C}_{12}\text{H}_8\text{Cl}_2\text{O}$		CDCl_3	153.3(C1) 123.7(C2) 131.3(C3) 124.2(C4) 133.0(C5) 120.0(C6) 155.9(C1') 118.5(C2'/6') 130.0(C3'/5') 124.0(C4')	95Nev
			$^1J(\text{C3},\text{H3})=167.0$ $^1J(\text{C4},\text{H4})=169.2$ $^1J(\text{C6},\text{H6})=167.1$ $^1J(\text{C2}',\text{H2}')=160.4$ $^1J(\text{C3}',\text{H3}')=160.8$ $^1J(\text{C4}',\text{H4}')=161.5$	

Gross formula	Structure	Solvent	$\delta^3\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_{12}\text{H}_8\text{Cl}_2\text{O}$		CDCl_3	147.1(C1) 129.9(C2/6) 129.5(C3/5) 126.2(C4) 156.7(C1') 114.9(C2'/6') 129.0(C3'/5') 122.4(C4') $^1J(\text{C3},\text{H3})=167.0$ $^1J(\text{C4},\text{H4})=165.4$ $^1J(\text{C2}',\text{H2}')=160.5$ $^1J(\text{C3}',\text{H3}')=160.1$ $^1J(\text{C4}',\text{H4}')=161.3$	95Nev
$\text{C}_{12}\text{H}_8\text{Cl}_2\text{O}$		CDCl_3	156.6(C1) 121.2(C2) 133.1(C3) 126.3(C4) 130.8(C5) 117.8(C6) 156.0(C1') 119.6(C2'/6') 130.4(C3'/5') 124.2(C4') $^1J(\text{C2},\text{H2})=166.8$ $^1J(\text{C5},\text{H5})=167.1$ $^1J(\text{C6},\text{H6})=164.8$ $^1J(\text{C2}',\text{H2}')=160.9$ $^1J(\text{C3}',\text{H3}')=160.4$ $^1J(\text{C4}',\text{H4}')=161.2$	95Nev
$\text{C}_{12}\text{H}_8\text{Cl}_2\text{O}$		Ac-d_6	132.8(C1) 149.5(C2) 122.9(C3) 128.6(C4) 125.2(C5) 129.8(C6) 137.4(C1') 129.1(C2'/6') 130.0(C3'/5') 128.6(C4')	78Löt
$\text{C}_{12}\text{H}_8\text{Cl}_2\text{O}$		Ac-d_6	126.1(C1) 155.0(C2) 116.5(C3) 130.5(C4) 120.1(C5) 131.5(C6) 140.5(C1') 132.5(C2') 132.4(C3') 129.3(C4') 133.1(C5') 131.5(C6')	78Löt
$\text{C}_{12}\text{H}_8\text{Cl}_2\text{O}$		Ac-d_6	140.1(C1) 116.9(C2) 157.9(C3) 115.9(C4) 131.6(C5) 121.1(C6) 142.9(C1') 131.4(C2') 132.1(C3') 129.4(C4') 133.1(C5') 130.2(C6')	78Löt
$\text{C}_{12}\text{H}_8\text{Cl}_2\text{O}$		Ac-d_6	134.9(C1) 127.3(C2/6) 123.0(C3/5) 149.1(C4) 139.0(C1') 127.5(C2'/6') 129.7(C3'/5') 128.4(C4')	78Löt
$\text{C}_{12}\text{H}_8\text{Cl}_2\text{O}$		Ac-d_6	133.2 ^a (C1) 128.7(C2) 121.5(C3) 153.4(C4) 117.8(C5) 127.1(C6) 138.9(C1') 128.6(C2'/6') 129.5(C3'/5') 133.0 ^a (C4')	78Löt
$\text{C}_{12}\text{H}_8\text{Cl}_2\text{O}$		Ac-d_6	129.8 ^a (C1) 131.2(C2/6) 115.8(C3/5) 158.2(C4) 142.7(C1') 131.4 ^a (C2') 131.9(C3') 128.7(C4') 133.0(C5') 131.6(C6')	78Löt
$\text{C}_{12}\text{H}_8\text{Cl}_2\text{O}_2$		Ac-d_6	133.1(C1/1') 128.3(C2/2') 121.4(C3/3') 152.9(C4/4') 117.8(C5/5') 126.7(C6/6')	78Löt

Gross formula	Structure	Solvent	$\delta^3\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_{12}\text{H}_8\text{Cl}_2\text{O}_2$		CDCl_3	142.0(C1) 148.1(C2) 116.9(C3) 130.7(C4) 120.6(C5) 119.7(C6) 155.2(C1') 119.1(C2'/6') 129.9(C3'/5') 128.8(C4')	80Nor
$\text{C}_{12}\text{H}_8\text{FNO}_2\text{S}$		CDCl_3	125.7(C1) 137.1(C2/6) 117.2(C3/5) 163.6(C4) 145.2(C1') 126.2(C2'/6') 123.9(C3'/5') 148.4(C4')	87Cha
$\text{C}_{12}\text{H}_8\text{FNO}_3\text{S}$		CDCl_3	140.0(C1) 127.4(C2/6) 117.2(C3/5) 164.7(C4) 152.7(C1') 125.2(C2'/6') 124.5(C3'/5') 149.3(C4')	89Cha
$\text{C}_{12}\text{H}_8\text{FNO}_4\text{S}$		CDCl_3	136.1(C1) 131.0(C2/6) 117.2(C3/5) 166.0(C4) 147.2(C1') 129.0(C2'/6') 124.7(C3'/5') 150.4(C4')	89Cha
$\text{C}_{12}\text{H}_8\text{F}_2$		THF	136.9(C1) 128.9(C2/2'/6/6') 115.8(C3/3'/5/5') 165.5(C4/4') $^1J(\text{F}, \text{C}_4)=245$ $^2J(\text{F}, \text{C}_3)=22$ $^3J(\text{F}, \text{C}_4)=8$	74Ima
$\text{C}_{12}\text{H}_8\text{I}_2$		THF	145.1(C1) 128.9(C2/2'/6/6') 138.4(C3/3'/5/5') 93.6(C4/4')	74Ima
$\text{C}_{12}\text{H}_8\text{N}_2\text{O}_4\text{S}$		CDCl_3	141.6(C1/1') 130.8(C2/2'/6/6') 124.2(C3/3'/5/5') 146.2(C4/4')	87Cha
$\text{C}_{12}\text{H}_8\text{N}_2\text{O}_5$		CDCl_3	155.3(C1) 138.9(C2) 121.0(C3) 140.7(C4) 128.1(C5) 118.0(C6) 152.9(C1') 119.6(C2'/6') 130.1(C3'/5') 125.9(C4')	74Buc
$\text{C}_{12}\text{H}_8\text{N}_2\text{O}_5\text{S}$		CDCl_3	151.1(C1/1') 125.0(C2/2'/6/6') 124.4(C3/3'/5/5') 149.1(C4/4')	89Cha
$\text{C}_{12}\text{H}_8\text{N}_2\text{O}_6\text{S}$		CDCl_3	145.8(C1/1') 129.5(C2/2'/6/6') 125.0(C3/3'/5/5') 150.9(C4/4')	89Cha
$\text{C}_{12}\text{H}_8\text{O}$		CDCl_3	134.9(C1) 120.8(C2) 127.4(C3) 130.9(C4) 123.4(C5) 127.8(C6) 120.5(C7) 133.9(C8) 130.3(C4a) 142.2(C8a) 190.4(CO) 42.0(CH2)	79Mar1
$\text{C}_{12}\text{H}_8\text{O}_2$		CDCl_3	125.9(C1/3) 148.4(C2) 140.6(C4/8) 133.9(C5/7) 142.5(C6) 143.3(C3a/8a) 171.5(CHO) $^1J(\text{C}_2, \text{H}_2)=165$ $^1J(\text{C}_4, \text{H}_4)=160$ $^1J(\text{C}_5, \text{H}_5)=159$ $^1J(\text{C}_6, \text{H}_6)=159$	78Dra

Gross formula	Structure	Solvent	$\delta^3\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_{12}\text{H}_8\text{O}_2$		CDCl_3	134.2(C1/4) 132.7(C2/3) 129.5(C5/8) 129.9(C6/7) 134.2(C4a/8a) 192.3(CHO) $^1J(\text{C1},\text{H1})=161$ $^1J(\text{C5},\text{H5})=162$ $^1J(\text{C6},\text{H6})=162$ $^1J(\text{CHO})=182$	78Sei
$\text{C}_{12}\text{H}_8\text{O}_2$		CDCl_3	133.6(C1/5) 136.2(C2/6) 124.1(C3/7) 130.6(C4/8) 135.7(C4a/8a) 191.8(CHO) $^1J(\text{C1},\text{H1})=160$ $^1J(\text{C3},\text{H3})=165$ $^1J(\text{C4},\text{H4})=162$ $^1J(\text{CHO})=176$	78Sei