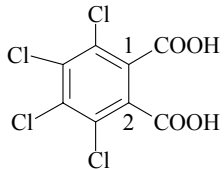
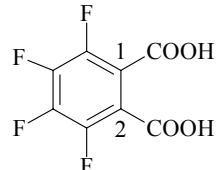
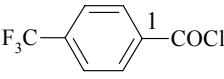
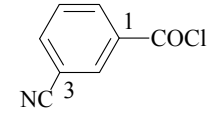
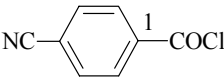
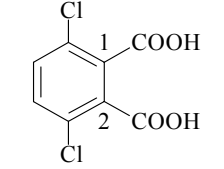
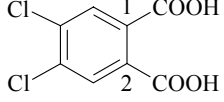
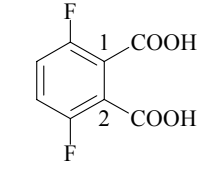
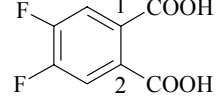
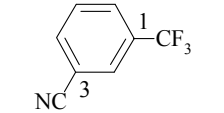
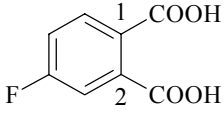
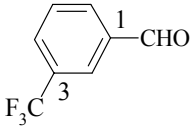
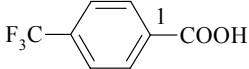
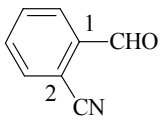
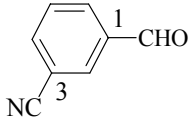
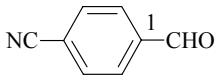
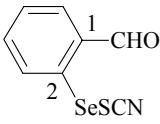
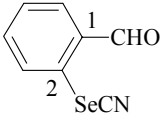
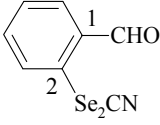
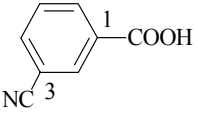
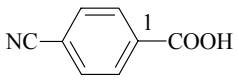
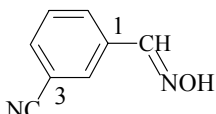
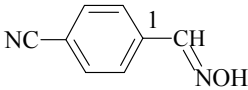
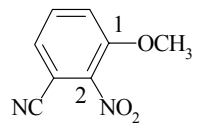
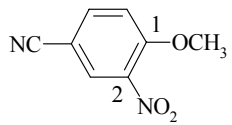
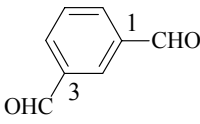
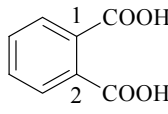
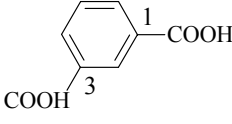
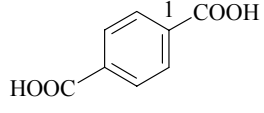
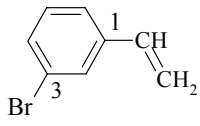
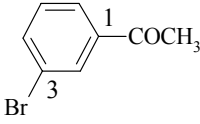
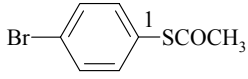


Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_2\text{Cl}_4\text{O}_4$		DMSO- $d_6$	134.2(C1/2) 129.1(C3/6) 133.2(C4/5) 164.8(CO)	82Fif
$\text{C}_8\text{H}_2\text{F}_4\text{O}_4$		DMSO- $d_6$	118.1(C1/2) 144.9(C3/6) 141.4(C4/5) 162.7(CO)	82Fif
$\text{C}_8\text{H}_4\text{ClF}_3\text{O}$		$\text{C}_6\text{D}_6$	136.5(C1) 131.6(C2/6) 126.0(C3/5) 136.5(C4) 123.7(CF <sub>3</sub> ) 167.3(CO) $^1J(\text{F},\text{C})=272.7$ $^2J(\text{F},\text{C4})=33.0$ $^3J(\text{F},\text{C3})=3.8$ $^5J(\text{F},\text{C1})=1.3$	77New
$\text{C}_8\text{H}_4\text{ClNO}$		$\text{CDCl}_3$	134.3(C1) 134.6(C2) 113.8(C3) 138.2(C4) 130.3(C5) 134.9(C6) 117.1(CN) 166.8(CO)	89Exn
$\text{C}_8\text{H}_4\text{ClNO}$		$\text{CDCl}_3$	136.6(C1) 131.5(C2/6) 132.7(C3/5) 118.6(C4) 117.2(CN) 167.2(CO)	89Exn
$\text{C}_8\text{H}_4\text{Cl}_2\text{O}_4$		DMSO- $d_6$	129.1(C1/2) 134.1(C3/6) 132.3(C4/5) 165.9(CO)	82Fif
$\text{C}_8\text{H}_4\text{Cl}_2\text{O}_4$		DMSO- $d_6$	133.0(C1/2) 130.4(C3/6) 133.8(C4/5) 166.6(CO)	82Fif
$\text{C}_8\text{H}_4\text{F}_2\text{O}_4$		DMSO- $d_6$	122.7(C1/2) 155.1(C3/6) 120.1(C4/5) 164.4(CO)	82Fif
$\text{C}_8\text{H}_4\text{F}_2\text{O}_4$		DMSO- $d_6$	130.8(C1/2) 118.3(C3/6) 150.5(C4/5) 166.9(CO)	82Fif
$\text{C}_8\text{H}_4\text{F}_3\text{N}$		$\text{CDCl}_3$	132.1(C1) 129.1(C2) 113.6(C3) 135.4(C4) 130.0(C5) 129.6(C6) 117.4(CN) 123.0(CF <sub>3</sub> ) $^1J(\text{F},\text{C})=272.5$ $^2J(\text{F},\text{C1})=33.7$ $^3J(\text{F},\text{C2})=3.9$ $^3J(\text{F},\text{C6})=6.2$ $^5J(\text{F},\text{C4})=1.2$	89Exn

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_4\text{F}_3\text{N}$		$\text{CDCl}_3$	134.6(C1) 126.2(C2/6) 132.8(C3/5) 116.2(C4) 117.5(CN) 123.1(CF <sub>3</sub> ) $^1J(\text{F},\text{C})=273.0$ $^2J(\text{F},\text{C1})=33.3$ $^3J(\text{F},\text{C2})=3.7$	89Exn
$\text{C}_8\text{H}_4\text{F}_3\text{NO}$		$\text{C}_6\text{D}_6$	124.6(C1) 131.6(C2) 127.1(C3) 133.1(C4) 125.7(C5) 126.7(C6) 123.7(CF <sub>3</sub> ) $^1J(\text{F},\text{C})=272.3$ $^2J(\text{F},\text{C1})=30.8$ $^3J(\text{F},\text{C6})=5.2$ $^5J(\text{F},\text{C4})=1.3$	77New
$\text{C}_8\text{H}_4\text{F}_6$		$\text{CDCl}_3$	132.4(C1/3) 122.9(C2) 129.1(C4/6) 130.1(C5) 124.1(CF <sub>3</sub> ) $^1J(\text{F},\text{C})=270$ $^2J(\text{F},\text{C1})=33.3$ $^3J(\text{F},\text{C2})=3.9$ $^3J(\text{F},\text{C6})=3.8$ $^5J(\text{F},\text{C4})=1.2$	76Dod
$\text{C}_8\text{H}_4\text{F}_6$		$\text{CDCl}_3$	134.5(C1/4) 126.0(C2/3/5/6) 123.7(CF <sub>3</sub> ) $^1J(\text{F},\text{C})=272.1$ $^2J(\text{F},\text{C1})=33.8$ $^3J(\text{F},\text{C2})=4.0$	76Dod
$\text{C}_8\text{H}_4\text{N}_2$		$\text{CDCl}_3$	114.1(C1/3) 135.4(C2) 136.0(C4/6) 130.4(C5) 116.6(CN)	89Exn
$\text{C}_8\text{H}_4\text{N}_2$		$\text{CDCl}_3$	116.8(C1/4) 132.8(C2/3/5/6) 117.0(CN)	89Exn
$\text{C}_8\text{H}_5\text{ClO}_4$		$\text{DMSO-d}_5$	130.1(C1) 130.1(C2) 136.2(C3) 133.5(C4) 130.4(C5) 128.8(C6) 167.3(1-CO) 166.0(2-CO)	82Fif
$\text{C}_8\text{H}_5\text{ClO}_4$		$\text{DMSO-d}_6$	131.1(C1) 135.5(C2) 128.2(C3) 135.9(C4) 130.8(C5) 130.8(C6) 167.7(1-CO) 167.7(2-CO)	82Fif
$\text{C}_8\text{H}_5\text{Cl}_3\text{O}_3$		$\text{Ac-d}_6$	124.5(C1) 130.4(C2) 145.5(C3) 153.7(C4) 121.9(C5) 132.2(C6) 188.1(CHO) 62.0(OCH <sub>3</sub> )	92Kol
$\text{C}_8\text{H}_5\text{FO}_4$		$\text{DMSO-d}_6$	130.8(C1) 124.8(C2) 158.4(C3) 119.9(C4) 125.8(C5) 131.3(C6) 165.9(1-CO) 166.1(2-CO)	82Fif

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_5\text{FO}_4$		$\text{DMSO-d}_6$	128.5(C1) 136.8(C2) 115.4(C3) 163.3(C4) 117.5(C5) 131.8(C6) 167.6(1-CO) 168.0(2-CO)	82Fif
$\text{C}_8\text{H}_5\text{F}_3\text{O}$		$\text{CDCl}_3$	136.7(C1) 126.3(C2) 131.7(C3) 130.8(C4) 129.7(C5) 132.7(C6) n.r.(CHO) n.r.(CF <sub>3</sub> )	86Bro
$\text{C}_8\text{H}_5\text{F}_3\text{O}_2$		$\text{DMSO-d}_6$	135.0(C1) 130.4(C2/6) 125.6(C3/5) 133.2(C4) 124.1(CF <sub>3</sub> ) 166.6(CO) <sup>1</sup> $J(\text{F},\text{C})=272.5$ <sup>2</sup> $J(\text{F},\text{C4})=32.1$ <sup>3</sup> $J(\text{F},\text{C2})=3.8$ <sup>5</sup> $J(\text{F},\text{C1})=1.4$	77New
$\text{C}_8\text{H}_5\text{NO}$		$\text{CDCl}_3$	136.8(C1) 113.5(C2) 133.4(C3) 134.4(C4) 134.4(C5) 130.1(C6) n.r.(CN) n.r.(CHO)	96Hön
$\text{C}_8\text{H}_5\text{NO}$		$\text{CDCl}_3$	136.8(C1) 133.1(C2) 113.7(C3) 137.2(C4) 130.0(C5) 133.2(C6) n.r.(CHO) n.r.(CN)	86Bro
$\text{C}_8\text{H}_5\text{NO}$		$\text{CDCl}_3$	138.9(C1) 129.8(C2/6) 133.0(C3/5) 117.7(C4) 117.7(CN) n.r.(CHO)	76Ina
$\text{C}_8\text{H}_5\text{NOSSe}$		$\text{CDCl}_3$	137.5(C1) 133.2(C2) 134.3(C3) 126.3(C4) 135.7(C5) 131.1(C6) 192.9(CHO) n.r.(CN)	83Lla
$\text{C}_8\text{H}_5\text{NOSe}$		$\text{CDCl}_3$	132.5(C1) 129.6(C2) 135.1(C3) 127.6(C4) 135.6(C5) 130.1(C6) 192.7(CHO) 103.9(CN)	83Lla
$\text{C}_8\text{H}_5\text{NOSe}_2$		$\text{CDCl}_3$	134.1(C1) 133.5(C2) 135.3(C3) 127.8(C4) 137.7(C5) 130.7(C6) 192.8(CHO) n.r.(CN)	83Lla
$\text{C}_8\text{H}_5\text{NO}_2$		$\text{CDCl}_3$ / $\text{DMSO-d}_6$	132.5(C1) 133.4(C2) 112.6(C3) 135.6(C4) 129.4(C5) 133.8(C6) 118.0(CN) 166.3(CO)	89Exn
$\text{C}_8\text{H}_5\text{NO}_2$		$\text{CDCl}_3$ / $\text{DMSO-d}_6$	135.0(C1) 130.3(C2/6) 132.1(C3/5) 115.9(C4) 118.1(CN) 166.8(CO)	89Exn

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_5\text{NO}_5$		$\text{CDCl}_3$	128.2(C1) 146.1(C2) 105.0(C3) 151.5 <sup>a</sup> (C4) 152.2 <sup>a</sup> (C5) 107.5(C6) n.r.(CHO) n.r.(CH <sub>2</sub> )	90Din
$\text{C}_8\text{H}_6$		$\text{CDCl}_3$	146.3(C1/2) 122.2(C3/6) 126.5(C4/5) 133.0(CH)	73Jon
$\text{C}_8\text{H}_6$		$\text{CCl}_4$ / $\text{C}_6\text{D}_{12}$	122.5(C1) 132.0(C2/6) 127.9(C3/5) 128.2(C4) 83.5(C) 77.1(CH)  <sup>1</sup> $J(\beta\text{C},\text{H})=250.9$	75Daw
$\text{C}_8\text{H}_6\text{Cl}_2\text{O}_3$		$\text{Ac-d}_6$	126.7(C1) 131.6(C2) 146.4(C3) 154.2(C4) 121.9(C5) 126.8(C6) 188.0(CHO) 62.0(OCH <sub>3</sub> )	92Kol
$\text{C}_8\text{H}_6\text{Cl}_2\text{O}_3$		$\text{Ac-d}_6$	123.6(C1) 132.7(C2) 145.3(C3) 156.6(C4) 118.6(C5) 133.7(C6) 188.2(CHO) 61.5(OCH <sub>3</sub> )	92Kol
$\text{C}_8\text{H}_6\text{Cl}_2\text{O}_3$		$\text{Ac-d}_6$	126.5(C1) 109.9(C2) 148.5(C3) 151.2(C4) 120.7(C5) 131.0(C6) 188.7(CHO) 57.3(OCH <sub>3</sub> )	92Kol
$\text{C}_8\text{H}_6\text{Cl}_3\text{NO}_2$		Neat	139.9(C1) 132.5(C2/6) 123.2(C3/5) 146.5(C4) 58.9(CH <sub>2</sub> ) 100.0(CCl <sub>3</sub> )	81Fre
$\text{C}_8\text{H}_6\text{Cl}_3\text{NO}_3$		Neat	142.0(C1) 130.3(C2/6) 122.6(C3/5) 148.2(C4) 83.1(CH) 101.9(CCl <sub>3</sub> )	81Fre
$\text{C}_8\text{H}_6\text{Cl}_4\text{N}_2\text{O}_2$		$\text{CDCl}_3$	150.0(C1) 133.2(C2/6) 124.1(C3/5) 145.8(C4) 42.0(CH <sub>3</sub> )	85Str
$\text{C}_8\text{H}_6\text{NO}$		$\text{CDCl}_3$	135.3(C1) 127.3(C2/6) 125.8(C3/5) n.r.(C4) 149.2(C=N) n.r.(CF <sub>3</sub> )	79Dan
$\text{C}_8\text{H}_6\text{N}_2\text{O}$		$\text{CDCl}_3$	136.7(C1) 126.8(C2/6) 128.7(C3/5) 132.7(C4) 186.4(CO) 54.2(CH)	77Alb

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_6\text{N}_2\text{O}$		DMSO- $d_6$	135.4(C1) 131.5 <sup>a</sup> (C2) 112.9(C3) 133.5(C4) n.r.(C5) 131.2 <sup>a</sup> (C6) 147.5(CH=N) n.r.(CN)	79Dan
$\text{C}_8\text{H}_6\text{N}_2\text{O}$		$\text{CDCl}_3$	137.9(C1) 127.5(C2/6) 133.0(C3/5) 111.8(C4) 146.9(C=N)	79Dan
$\text{C}_8\text{H}_6\text{N}_2\text{O}_3$		$\text{CDCl}_3$	152.0(C1) 139.8(C2) 106.9(C3) 124.8(C4) 132.5(C5) 118.0(C6) 57.0(OCH3) 118.2(CN)	92Zee
$\text{C}_8\text{H}_6\text{N}_2\text{O}_3$		$\text{CDCl}_3$	155.9(C1) 139.4(C2) 129.4(C3) 103.8(C4) 137.9(C5) 115.0(C6) 57.2(OCH3) 116.8(CN)	92Zee
$\text{C}_8\text{H}_6\text{O}_2$		$\text{CDCl}_3$	137.0(C1/3) 130.8(C2) 134.5(C4/6) 129.8(C5) n.r.(CHO)	86Bro
$\text{C}_8\text{H}_6\text{O}_4$		DMSO- $d_6$	133.3(C1/2) 128.8(C3/6) 131.2(C4/5) 168.2(CO)	77Bru
$\text{C}_8\text{H}_6\text{O}_4$		DMSO- $d_6$	131.5(C1/3) 130.2(C2) 133.3(C4/6) 128.9(C5) 166.7(CO)	77Bru
$\text{C}_8\text{H}_6\text{O}_4$		DMSO- $d_6$	134.9(C1/4) 129.8(C2/3/5/6) 167.0(CO)	77Bru
$\text{C}_8\text{H}_7\text{Br}$		$\text{CCl}_4$	139.5(C1) 129.1(C2) 122.7(C3) 130.5(C4) 129.6(C5) 124.5(C6) 135.5(CH) 114.9(CH2)	83Rey
$\text{C}_8\text{H}_7\text{BrO}$		DMSO	143.9(C1) 132.0(C2) 123.5(C3) 136.7(C4) 132.0(C5) 128.7(C6) n.r.(CO) n.r.(CH3)	71Miy
$\text{C}_8\text{H}_7\text{BrOS}$		$\text{CDCl}_3$	126.9(C1) 135.8(C2/4) 132.3(C3/5) 124.0(C4) 193.1(CO) 30.1(CH3)	98Per

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_7\text{BrOSe}$		$\text{CDCl}_3$	145.6(C1) 132.1(C2) 131.1(C3) 126.2(C4) 134.6(C5) 130.0(C6) 200.2(CO) 23.5( $\text{CH}_3$ )	83Lla
$\text{C}_8\text{H}_7\text{BrO}_2$		$\text{CDCl}_3$	148.3(C1) 116.3(C2) 133.4(C3) 127.4(C4) 128.6(C5) 123.8(C6) n.r.(CO) n.r.( $\text{CH}_3$ )	96Hön
$\text{C}_8\text{H}_7\text{BrO}_2$		$\text{CDCl}_3$	151.1(C1) 125.1(C2) 122.3(C3) 129.0(C4) 130.4(C5) 120.4(C6) n.r.(CO) n.r.( $\text{CH}_3$ )	86Bro
$\text{C}_8\text{H}_7\text{BrO}_2$		$\text{CDCl}_3$	132.1(C1) 132.6(C2) 122.4(C3) 135.8(C4) 129.9(C5) 128.1(C6) 165.7(CO) 52.4( $\text{OCH}_3$ )	89Bud
$\text{C}_8\text{H}_7\text{BrO}_2$		$\text{CDCl}_3$	129.1(C1) 131.1(C2/6) 131.7(C3/5) 128.0(C4) 166.3(CO) 52.2( $\text{OCH}_3$ )	89Bud
$\text{C}_8\text{H}_7\text{BrO}_2\text{Se}$		$\text{CDCl}_3$	140.2(C1) 124.6(C2) 130.0(C3) 126.0(C4) 134.3(C5) 129.3(C6) 170.0(CO) 53.7( $\text{OCH}_3$ )	83Lla
$\text{C}_8\text{H}_7\text{BrO}_3$		$\text{Ac-d}_6$	128.0(C1) 123.7(C2) 146.5(C3) 158.2(C4) 117.4(C5) 127.7(C6) 190.8(CHO) 61.3( $\text{OCH}_3$ )	92Kol
$\text{C}_8\text{H}_7\text{BrO}_3$		$\text{Ac-d}_6$	131.2(C1) 110.5(C2) 149.7(C3) 150.9(C4) 109.7(C5) 130.0(C6) 188.6(CHO) 57.3( $\text{OCH}_3$ )	92Kol
$\text{C}_8\text{H}_7\text{BrO}_3$		$\text{Ac-d}_6$	127.1(C1) 112.3(C2) 149.1(C3) 154.5(C4) 120.8(C5) 120.8(C6) 190.7(CHO) 56.9( $\text{OCH}_3$ )	92Kol
$\text{C}_8\text{H}_7\text{Cl}$		$\text{CCl}_4$	139.2(C1) 126.1(C2) 134.6(C3) 127.6(C4) 129.3(C5) 124.0(C6) 135.6(CH) 114.8( $\text{CH}_2$ )	83Rey
$\text{C}_8\text{H}_7\text{ClO}$		$\text{CDCl}_3$	138.9(C1) 131.1(C2) 129.4(C3) 131.9(C4) 126.9(C5) 130.5(C6) n.r.(CO) n.r.( $\text{CH}_3$ )	96Hön

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_7\text{ClO}$		$\text{CDCl}_3$	138.6(C1) 128.3(C2) 134.8(C3) 132.9(C4) 129.9(C5) 126.3(C6) n.r.(CO) n.r.(CH <sub>3</sub> )	86Bro
$\text{C}_8\text{H}_7\text{ClO}$		Neat	135.6(C1) 130.1(C2/6) 130.1(C3/5) 139.2(C4) 196.8(CO) 25.8(CH <sub>3</sub> )	65Dha
$\text{C}_8\text{H}_7\text{ClOS}$		$\text{CDCl}_3$	126.3(C1) 135.6(C2/4) 129.4(C3/5) 135.8(C4) 193.3(CO) 30.2(CH <sub>3</sub> )	98Per
$\text{C}_8\text{H}_7\text{ClOSe}$		$\text{CDCl}_3$	149.6(C1) 131.7(C2) 131.0(C3) 125.9(C4) 134.6(C5) 127.4(C6) 200.6(CO) 23.6(CH <sub>3</sub> )	83Lla
$\text{C}_8\text{H}_7\text{ClO}_2$		$\text{CDCl}_3$	130.3(C1) 133.8(C2) 131.2(C3) 132.6(C4) 126.7(C5) 131.5(C6) n.r.(CO) n.r.(OCH <sub>3</sub> )	96Hön
$\text{C}_8\text{H}_7\text{ClO}_2$		$\text{CDCl}_3$	147.1(C1) 127.3(C2) 130.4(C3) 127.2(C4) 127.9(C5) 123.9(C6) n.r.(CO) n.r.(CH <sub>3</sub> )	96Hön
$\text{C}_8\text{H}_7\text{ClO}_2$		$\text{CDCl}_3$	131.9(C1) 129.7(C2) 134.6(C3) 132.9(C4) 129.7(C5) 127.7(C6) 165.8(CO) 52.4(OCH <sub>3</sub> )	89Bud
$\text{C}_8\text{H}_7\text{ClO}_2$		$\text{CDCl}_3$	151.5(C1) 122.5(C2) 133.6(C3) 126.1(C4) 131.1(C5) 121.0(C6) n.r.(CO) n.r.(OCH <sub>3</sub> )	78Cal
$\text{C}_8\text{H}_7\text{ClO}_2$		$\text{CDCl}_3$	128.7(C1) 131.0(C2/6) 128.7(C3/5) 139.4(C4) 166.2(CO) 52.2(OCH <sub>3</sub> )	89Bud
$\text{C}_8\text{H}_7\text{ClO}_2$		$\text{CDCl}_3$	149.5(C1) 124.0(C2/6) 129.6(C3/5) 130.2(C4) n.r.(CO) n.r.(OCH <sub>3</sub> )	78Cal
$\text{C}_8\text{H}_7\text{ClO}_3$		$\text{Ac-d}_6$	127.0(C1) 133.2(C2) 145.4(C3) 158.1(C4) 116.6(C5) 127.0(C6) 188.8(CHO) 61.4(OCH <sub>3</sub> )	92Kol
$\text{C}_8\text{H}_7\text{ClO}_3$		$\text{Ac-d}_6$	130.5(C1) 110.0(C2) 150.1(C3) 150.0(C4) 121.3(C5) 126.9(C6) 190.8(CHO) 57.8(OCH <sub>3</sub> )	92Kol

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_7\text{ClO}_3$		$\text{Ac-d}_6$	126.0(C1) 111.6(C2) 148.3(C3) 154.2(C4) 117.6(C5) 132.4(C6) 188.6(CHO) 56.9(OCH <sub>3</sub> )	92Kol
$\text{C}_8\text{H}_7\text{ClO}_4\text{S}$		$\text{CDCl}_3$	132.1(C1) 128.1(C2) 144.8(C3) 130.7(C4) 130.1(C5) 135.9(C6) 164.6(CO) 52.9(OCH <sub>3</sub> )	89Bud
$\text{C}_8\text{H}_7\text{ClO}_4\text{S}$		$\text{CDCl}_3$	136.1(C1) 130.8(C2/6) 127.1(C3/5) 147.5(C4) 164.9(CO) 53.0(OCH <sub>3</sub> )	89Bud
$\text{C}_8\text{H}_7\text{Cl}_3\text{N}_2\text{O}_2$		$\text{CDCl}_3$	153.1(C1) 125.2(C2) 127.0(C3) 142.8(C4) 124.5(C5) 118.4(C6) 43.1(CH <sub>3</sub> )	85Str
$\text{C}_8\text{H}_7\text{Cl}_3\text{N}_2\text{O}_2$		$\text{CDCl}_3$	151.5(C1) 134.8(C2) 126.0(C3) 144.0(C4) 125.3(C5) 131.5(C6) 42.4(CH <sub>3</sub> )	85Str
$\text{C}_8\text{H}_7\text{F}$		$\text{CDCl}_3$	124.6(C1) 160.0(C2) 114.4(C3) 126.3(C4) 123.1(C5) 128.1(C6) 128.6(CH) 115.3(CH <sub>2</sub> ) $^1J(\text{F}, \text{C}2)=252.4$ $^2J(\text{F}, \text{C}1)=12.4$ $^2J(\text{F}, \text{C}3)=21.3$ $^3J(\text{F}, \text{C}4)=3.6$ $^3J(\text{F}, \text{C}6)=9.0$ $^3J(\text{F}, \text{CH})=4.7$ $^4J(\text{F}, \text{C}5)=3.5$ $^4J(\text{F}, \text{CH}_2)=5.3$	76Dod
$\text{C}_8\text{H}_7\text{F}$		$\text{CDCl}_3$	140.2(C1) 112.3(C2) 163.4(C3) 114.0(C4) 129.5(C5) 121.8(C6) 135.9(CH) 114.1(CH <sub>2</sub> ) $^1J(\text{F}, \text{C}3)=248.2$ $^2J(\text{F}, \text{C}2)=21.8$ $^2J(\text{F}, \text{C}4)=21.3$ $^3J(\text{F}, \text{C}1)=8.3$ $^3J(\text{F}, \text{C}5)=8.3$ $^4J(\text{F}, \text{C}6)=2.6$ $^4J(\text{F}, \text{CH})=2.4$	76Dod
$\text{C}_8\text{H}_7\text{F}$		$\text{CDCl}_3$	133.3(C1) 127.0(C2/6) 114.4(C3/5) 162.0(C4) 135.2(CH) 112.3(CH <sub>2</sub> ) $^1J(\text{F}, \text{C}4)=249.7$ $^2J(\text{F}, \text{C}3)=21.1$ $^3J(\text{F}, \text{C}2)=8.1$ $^4J(\text{F}, \text{C}1)=3.3$ $^6J(\text{F}, \text{CH}_2)=1.9$	76Dod
$\text{C}_8\text{H}_7\text{FO}$		$\text{CDCl}_3$	139.1(C1) 114.8(C2) 162.7(C3) 120.0(C4) 130.2(C5) 124.1(C6) n.r.(CO) n.r.(CH <sub>3</sub> )	86Bro

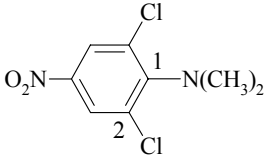
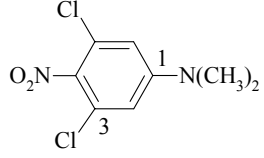
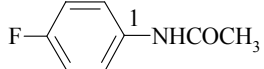
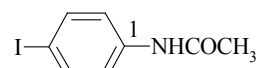
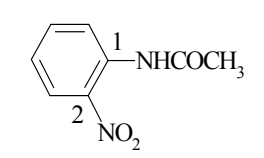
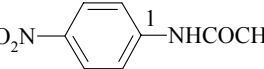
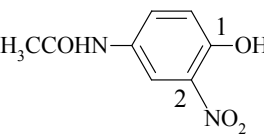
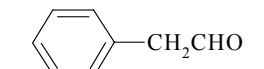
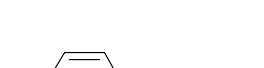
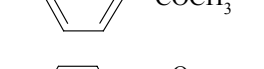
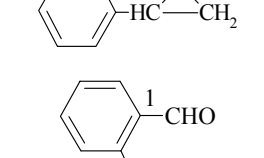


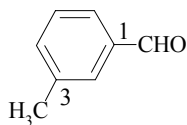
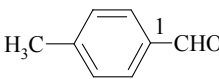
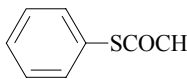
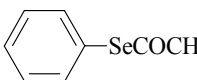
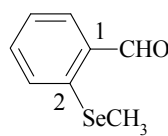
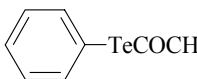
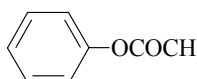
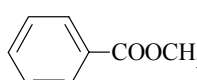
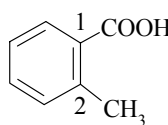
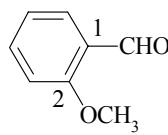
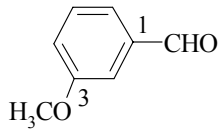
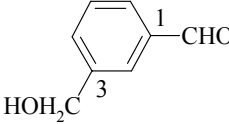
Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_7\text{FO}$		Neat	134.2(C1) 131.1(C2/6) 115.5(C3/5) 165.8(C4) n.r.(CO) n.r.(CH <sub>3</sub> )	72Miy
$\text{C}_8\text{H}_7\text{FOS}$		$\text{CDCl}_3$	123.2(C1) 136.5(C2/4) 116.4(C3/5) 163.4(C4) 193.9(CO) 30.0(CH <sub>3</sub> ) $^1J(\text{F}, \text{C4})=250.3$ $^2J(\text{F}, \text{C3})=22.1$ $^3J(\text{F}, \text{C2})=8.6$	98Per
$\text{C}_8\text{H}_7\text{FO}_2$		$\text{CDCl}_3$	132.4(C1) 116.5(C2) 162.6(C3) 120.0(C4) 130.0(C5) 125.3(C6) 166.0(CO) 52.4(OCH <sub>3</sub> ) $^1J(\text{F}, \text{C3})=247.3$ $^2J(\text{F}, \text{C2})=23.0$ $^2J(\text{F}, \text{C4})=21.3$ $^3J(\text{F}, \text{C1})=7.5$ $^3J(\text{F}, \text{C5})=7.7$ $^4J(\text{F}, \text{C6})=3.2$	89Bud
$\text{C}_8\text{H}_7\text{FO}_2$		$\text{CDCl}_3$	126.5(C1) 132.1(C2/6) 115.5(C3/5) 165.8(C4) 166.1(CO) 52.2(OCH <sub>3</sub> ) $^1J(\text{F}, \text{C4})=253.8$ $^2J(\text{F}, \text{C3})=22.0$ $^3J(\text{F}, \text{C2})=9.3$ $^4J(\text{F}, \text{C1})=2.9$	89Bud
$\text{C}_8\text{H}_7\text{FO}_2$		$\text{CDCl}_3$	151.4(C1) 109.7(C2) 162.8(C3) 112.8(C4) 130.1(C5) 117.3(C6) n.r.(CO) n.r.(CH <sub>3</sub> )	86Bro
$\text{C}_8\text{H}_7\text{FO}_2$		Neat	146.4(C1) 123.3(C2/6) 115.9(C3/5) 160.4(C4) n.r.(CO) n.r.(OCH <sub>3</sub> )	72Miy
$\text{C}_8\text{H}_7\text{FO}_4\text{S}$		$\text{CDCl}_3$	133.6(C1) 130.0(C2) 134.1(C3) 132.2(C4) 129.6(C5) 136.3(C6) 164.6(CO) 52.9(OCH <sub>3</sub> )	89Bud
$\text{C}_8\text{H}_7\text{FO}_4\text{S}$		$\text{CDCl}_3$	136.6(C1) 130.7(C2/6) 128.5(C3/5) 137.0(C4) 164.9(CO) 53.0(OCH <sub>3</sub> )	89Bud
$\text{C}_8\text{H}_7\text{F}_3\text{O}$		$\text{CDCl}_3$	159.7(C1) 110.8(C2) 131.8(C3) 117.4(C4) 129.9(C5) 117.6(C6) n.r.(CF <sub>3</sub> ) n.r.(OCH <sub>3</sub> )	86Bro
$\text{C}_8\text{H}_7\text{IO}_2$		$\text{CDCl}_3$	132.0(C1) 138.4(C2) 93.8(C3) 141.7(C4) 130.0(C5) 128.7(C6) 165.4(CO) 52.3(OCH <sub>3</sub> )	89Bud
$\text{C}_8\text{H}_7\text{IO}_2$		$\text{CDCl}_3$	129.7(C1) 131.0(C2/6) 137.7(C3/5) 100.6(C4) 166.6(CO) 52.2(OCH <sub>3</sub> )	89Bud

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_7\text{N}$		$\text{CDCl}_3$	130.1(C1) 127.8 <sup>a</sup> (C2/6) 129.0(C3/5) 127.8 <sup>a</sup> (C4) 118.0(CN) 23.2(CH <sub>2</sub> )	72Jon
$\text{C}_8\text{H}_7\text{N}$		$\text{CDCl}_3$	141.0(C1) 117.4(C2) 131.8(C3) 125.8(C4) 132.1(C5) 129.7(C6) 112.3(CN) 20.2(CH <sub>3</sub> )	79Mar
$\text{C}_8\text{H}_7\text{N}$		$\text{CDCl}_3$	139.2(C1) 132.4(C2) 112.2(C3) 129.0(C4) 129.2(C5) 133.7(C6) 119.0(CN) 21.1(CH <sub>3</sub> )	89Exn
$\text{C}_8\text{H}_7\text{N}$		$\text{CDCl}_3$	143.7(C1) 129.9(C2/6) 132.0(C3/5) 109.3(C4) 119.1(CN) 21.8(CH <sub>3</sub> )	89Exn
$\text{C}_8\text{H}_7\text{NO}$		$\text{CDCl}_3$	142.6(C1) 130.1(C2) 112.0(C3) 131.0 <sup>a</sup> (C4) 129.3(C5) 131.2 <sup>a</sup> (C6) n.r.(CN) n.r.(CH <sub>2</sub> )	96Hön
$\text{C}_8\text{H}_7\text{NO}$		$\text{CDCl}_3$	159.7(C1) 117.0(C2) 113.2(C3) 124.4(C4) 130.4(C5) 119.3(C6) 118.7(CN) 55.6(OCH <sub>3</sub> )	89Exn
$\text{C}_8\text{H}_7\text{NO}$		$\text{CDCl}_3$	162.9(C1) 114.8(C2/6) 133.9(C3/5) 103.8(C4) 119.2(CN) 55.6(OCH <sub>3</sub> )	89Exn
$\text{C}_8\text{H}_7\text{NO}$		$\text{CDCl}_3$	146.8(C1) 127.0(C2/6) 132.3(C3/5) 110.5(C4) n.r.(CN) n.r.(CH <sub>2</sub> )	96Hön
$\text{C}_8\text{H}_7\text{NO}_2$		$\text{CCl}_4$	139.0(C1) 120.7(C2) 148.8(C3) 122.1(C4) 128.9(C5) 131.2(C6) 134.8(CH) 116.7(CH <sub>2</sub> )	83Rey
$\text{C}_8\text{H}_7\text{NO}_2\text{S}$		$\text{CDCl}_3$	142.2(C1) 130.6 <sup>a</sup> (C2) 114.1(C3) 136.9(C4) 131.2 <sup>a</sup> (C5) 131.4 <sup>a</sup> (C6) 116.9(CN) 44.4(CH <sub>3</sub> )	89Exn
$\text{C}_8\text{H}_7\text{NO}_2\text{S}$		$\text{CDCl}_3$	144.6(C1) 128.2(C2/6) 133.2(C3/5) 117.7(C4) 117.0(CN) 44.2(CH <sub>3</sub> )	89Exn
$\text{C}_8\text{H}_7\text{NO}_3$		$\text{CDCl}_3$ / $\text{DMSO-d}_6$	138.2(C1) 146.2(C2) 124.6(C3) 131.0(C4) 134.4(C5) 127.7(C6) 193.8(CO) 30.4(CH <sub>3</sub> )	92Ras

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_7\text{NO}_3$		DMSO	139.0(C1) 123.2(C2) 149.0(C3) 128.2(C4) 131.4(C5) 135.1(C6) n.r.(CO) n.r.(CH <sub>3</sub> )	71Miy
$\text{C}_8\text{H}_7\text{NO}_3$		Ac-d <sub>6</sub>	135.1(C1) 130.9(C2/6) 120.3(C3/5) 164.3(C4) 165.5(CO) 52.7(OCH <sub>3</sub> )	79Cox
$\text{C}_8\text{H}_7\text{NO}_3\text{S}$		$\text{CDCl}_3$	136.4(C1) 134.6(C2/4) 123.9(C3/5) 148.1(C4) 191.5(CO) 30.5(CH <sub>3</sub> )	98Per
$\text{C}_8\text{H}_7\text{NO}_4$		$\text{CDCl}_3$ / DMSO-d <sub>6</sub>	127.9(C1) 148.7(C2) 124.2(C3) 132.1 <sup>a</sup> (C4) 133.2 <sup>a</sup> (C5) 130.2(C6) 166.1(CO) 53.5(OCH <sub>3</sub> )	92Ras
$\text{C}_8\text{H}_7\text{NO}_4$		$\text{CDCl}_3$	131.9(C1) 124.5(C2) 148.3(C3) 127.4(C4) 129.7(C5) 135.3(C6) 164.9(CO) 52.8(OCH <sub>3</sub> )	89Bud
$\text{C}_8\text{H}_7\text{NO}_4$		$\text{CDCl}_3$	151.2(C1) 117.7(C2) 148.6(C3) 121.0(C4) 131.0(C5) 129.1(C6) n.r.(CO) n.r.(CH <sub>3</sub> )	78Cal
$\text{C}_8\text{H}_7\text{NO}_4$		$\text{CDCl}_3$	135.6(C1) 130.7(C2/6) 123.6(C3/5) 150.6(C4) 165.2(CO) 52.8(OCH <sub>3</sub> )	89Bud
$\text{C}_8\text{H}_7\text{NO}_4$		$\text{CDCl}_3$	155.8(C1) 123.5(C2/6) 125.5(C3/5) 145.3(C4) n.r.(CO) n.r.(OCH <sub>3</sub> )	78Cal
$\text{C}_8\text{H}_7\text{NO}_4$		$\text{CDCl}_3$	128.1(C1) 140.1(C2) 151.1(C3) 118.6(C4) 131.7(C5) 122.2(C6) n.r.(CHO) n.r.(OCH <sub>3</sub> )	90Din
$\text{C}_8\text{H}_7\text{NO}_4$		$\text{CDCl}_3$	157.2(C1) 139.9(C2) 127.2(C3) 129.0(C4) 134.9(C5) 113.9(C6) 188.8(CHO) 57.1(OCH <sub>3</sub> )	92Zee
$\text{C}_8\text{H}_7\text{NO}_4$		$\text{CDCl}_3$	152.7(C1) 142.3(C2) 125.6(C3) 120.5(C4) 141.1(C5) 112.7(C6) 196.2(CHO) 56.8(OCH <sub>3</sub> )	92Zee
$\text{C}_8\text{H}_7\text{NO}_4$		$\text{CDCl}_3$	134.3(C1) 142.2(C2) 127.2(C3) 118.5(C4) 164.0(C5) 113.3(C6) n.r.(CHO) n.r.(OCH <sub>3</sub> )	90Din

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_7\text{NO}_4$		DMSO	155.8(C1) 136.8(C2) 126.0(C3) 128.2(C4) 134.4(C5) 119.2(C6) n.r.(CO) n.r.(CH <sub>3</sub> )	87Hut
$\text{C}_8\text{H}_7\text{NO}_5$		DMSO	156.2(C1) 136.5(C2) 126.9(C3) 120.6(C4) 135.4(C5) 119.6(C6) n.r.(CO) n.r.(OCH <sub>3</sub> )	87Hut
$\text{C}_8\text{H}_7\text{NS}$		$\text{CDCl}_3$	140.8(C1) 129.1(C2) 112.9(C3) 128.0(C4) 128.7(C5) 130.2(C6) 118.3(CN) 15.2(CH <sub>3</sub> )	89Exn
$\text{C}_8\text{H}_7\text{NS}$		$\text{CDCl}_3$	146.1(C1) 125.5(C2/6) 132.1(C3/5) 107.6(C4) 118.9(CN) 14.7(CH <sub>3</sub> )	89Exn
$\text{C}_8\text{H}_8$		$\text{CCl}_4/\text{C}_6\text{D}_{12}$	137.4(C1) 126.0(C2/6) 128.2(C3/5) 127.5(C4) 137.0(CH) 113.2(CH <sub>2</sub> )	73Ham
$\text{C}_8\text{H}_8$		$\text{CCl}_4/\text{CDCl}_3$	145.2(C1/2) 122.1(C3/6) 126.5(C4/5) 29.5(CH <sub>2</sub> ) $^1J(\text{C3},\text{H3})=162.0$ $^1J(\text{C4},\text{H4})=157.5$ $^1J(\text{CH}_2)=138.0$	73Gün
$\text{C}_8\text{H}_8\text{BrNO}$		DMSO- $d_6$	138.6(C1) 120.8(C2/6) 131.3(C3/5) 114.4(C4) 168.3(CO) 23.9(CH <sub>3</sub> )	84O'Co
$\text{C}_8\text{H}_8\text{Br}_2$		$\text{CDCl}_3$	138.4(C1) 127.5 <sup>a</sup> (C2/6) 128.6 <sup>a</sup> (C3/5) 128.9(C4) 50.8(CH) 34.9(CH <sub>2</sub> )	72Jon
$\text{C}_8\text{H}_8\text{ClNO}$		DMSO- $d_6$	138.2(C1) 120.4(C2/6) 128.4(C3/5) 126.4(C4) 168.3(CO) 23.9(CH <sub>3</sub> )	84O'Co
$\text{C}_8\text{H}_8\text{ClNO}_4$		$\text{CDCl}_3$	159.9 <sup>a</sup> (C1) 97.2(C2) 154.5 <sup>a</sup> (C3) 131.9(C4) 127.7(C5) 113.8(C6) 56.9(1-OCH <sub>3</sub> ) 56.8(3-OCH <sub>3</sub> )	72Jon
$\text{C}_8\text{H}_8\text{Cl}_2\text{N}_2\text{O}_2$		$\text{CDCl}_3$	155.3(C1) 126.1(C2) 128.2(C3) 141.6(C4) 124.4(C5) 116.0(C6) 43.0(CH <sub>3</sub> )	85Str
$\text{C}_8\text{H}_8\text{Cl}_2\text{N}_2\text{O}_2$		$\text{CDCl}_3$	153.9(C1) 122.5(C2) 129.2(C3) 138.5(C4) 127.5(C5) 120.5(C6) 42.7(CH <sub>3</sub> )	85Str

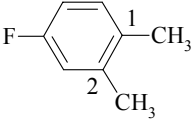
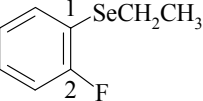
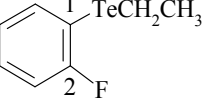
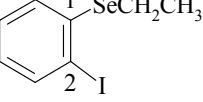
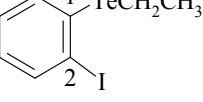
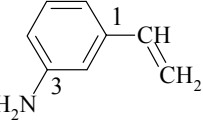
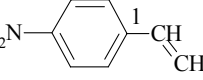
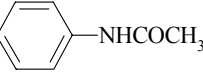
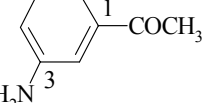
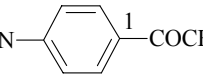
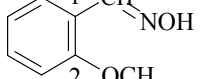
Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_8\text{Cl}_2\text{N}_2\text{O}_2$		$\text{CDCl}_3$	152.3(C1) 133.0(C2/6) 124.8(C3/5) 146.6(C4) 42.6( $\text{CH}_3$ )	85Str
$\text{C}_8\text{H}_8\text{Cl}_2\text{N}_2\text{O}_2$		$\text{CDCl}_3$	151.0(C1) 110.6(C2/6) 127.7(C3/5) 137.7(C4) 39.9( $\text{CH}_3$ )	85Str
$\text{C}_8\text{H}_8\text{FNO}$		$\text{DMSO-d}_6$	135.6(C1) 120.6(C2/6) 115.0(C3/5) 157.7(C4) 168.0(CO) 23.8( $\text{CH}_3$ )	84O'Co
$\text{C}_8\text{H}_8\text{INO}$		$\text{DMSO-d}_6$	139.0(C1) 121.0(C2/6) 137.1(C3/5) 86.1(C4) 168.3(CO) 24.0( $\text{CH}_3$ )	84O'Co
$\text{C}_8\text{H}_8\text{N}_2\text{O}_3$		$\text{CDCl}_3$ / $\text{DMSO-d}_6$	134.2(C1) 137.0(C2) 125.1(C3) 122.6 <sup>a</sup> (C4) 135.0(C5) 121.6 <sup>a</sup> (C6) 168.5(CO) 25.1( $\text{CH}_3$ )	92Ras
$\text{C}_8\text{H}_8\text{N}_2\text{O}_3$		$\text{DMSO-d}_6$	145.4(C1) 118.5(C2/6) 124.8(C3/5) 141.9(C4) 169.2(CO) 24.2( $\text{CH}_3$ )	84O'Co
$\text{C}_8\text{H}_8\text{N}_2\text{O}_4$		$\text{DMSO}$	148.5(C1) 135.4(C2) 114.8(C3) 131.5(C4) 127.3(C5) 119.7(C6) n.r.(CO) n.r.( $\text{CH}_3$ )	87Hut
$\text{C}_8\text{H}_8\text{O}$		$\text{CDCl}_3$	132.0(C1) 129.7 <sup>a</sup> (C2/6) 129.1 <sup>a</sup> (C3/5) 127.5(C4) 199.3(CHO) 50.6( $\text{CH}_2$ )	74Haw
$\text{C}_8\text{H}_8\text{O}$		Neat	137.6(C1) 129.4(C2/6) 129.4(C3/5) 132.6(C4) 197.0(CO) 25.9( $\text{CH}_3$ )	65Dha
$\text{C}_8\text{H}_8\text{O}$		$\text{CDCl}_3$	137.7(C1) 125.4(C2/6) 128.4(C3/5) 128.0(C4) 52.1(CH) 50.8( $\text{CH}_2$ )	72Jon
$\text{C}_8\text{H}_8\text{O}$		$\text{CDCl}_3$	134.8(C1) 140.6(C2) 132.2(C3) 133.8(C4) 126.7(C5) 132.2(C6) 192.6(CO) 19.4( $\text{CH}_3$ )	79Mar

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_8\text{O}$		$\text{CDCl}_3$	136.8(C1) 129.9(C2) 138.9(C3) 135.1(C4) 128.8(C5) 127.1(C6) n.r.(CHO) 21.1( $\text{CH}_3$ )	76Ina
$\text{C}_8\text{H}_8\text{O}$		$\text{CDCl}_3$	134.4(C1) 129.8(C2/6) 129.8(C3/5) 145.5(C4) n.r.(CHO) 21.8( $\text{CH}_3$ )	76Ina
$\text{C}_8\text{H}_8\text{OS}$		$\text{CDCl}_3$	127.9(C1) 134.4(C2/4) 129.1(C3/5) 129.4(C4) 193.9(CO) 30.1( $\text{CH}_3$ )	98Per
$\text{C}_8\text{H}_8\text{OSe}$		$\text{CDCl}_3$	126.4(C1) 135.5(C2/4) 129.2 <sup>a</sup> (C3/5) 128.8 <sup>a</sup> (C4) 196.2(CO) 33.7( $\text{CH}_3$ )	82Lla
$\text{C}_8\text{H}_8\text{OSe}$		$\text{CDCl}_3$	138.4(C1) 134.1(C2) 135.2(C3) 124.7(C4) 133.6(C5) 127.7(C6) 191.9(CHO) 5.6( $\text{CH}_3$ )	83Lla
$\text{C}_8\text{H}_8\text{OTe}$		$\text{CDCl}_3$	113.9(C1) 139.7(C2/4) 128.8(C3/5) 129.3(C4) 197.6(CO) 41.6( $\text{CH}_3$ )	82Lla
$\text{C}_8\text{H}_8\text{O}_2$		$\text{CDCl}_3$	150.9(C1) 121.7(C2/4) 129.4(C3/5) 125.7(C4) 169.2(CO) 20.8( $\text{CH}_3$ )	82Lla
$\text{C}_8\text{H}_8\text{O}_2$		$\text{CDCl}_3$	130.2(C1) 129.6(C2/4) 128.4(C3/5) 132.9(C4) 167.1(CO) 52.0( $\text{OCH}_3$ )	89Bud
$\text{C}_8\text{H}_8\text{O}_2$		$\text{CDCl}_3$	130.6(C1) 140.8(C2) 132.4(C3) 132.8(C4) 126.5(C5) 131.5(C6) 173.3(CO) 21.8( $\text{CH}_3$ )	79Mar
$\text{C}_8\text{H}_8\text{O}_2$		$\text{CDCl}_3$	128.1(C1) 124.7(C2) 161.6(C3) 111.6(C4) 135.9(C5) 120.4(C6) n.r.(CHO) n.r.( $\text{OCH}_3$ )	89Bie
$\text{C}_8\text{H}_8\text{O}_2$		$\text{CDCl}_3$	137.8(C1) 112.1(C2) 160.1(C3) 121.4(C4) 130.0(C5) 123.5(C6) n.r.(CHO) n.r.( $\text{OCH}_3$ )	86Bro
$\text{C}_8\text{H}_8\text{O}_2$		$\text{CDCl}_3$	136.3(C1) 127.7(C2) 142.3(C3) 133.0(C4) 129.2 <sup>a</sup> (C5) 129.0 <sup>a</sup> (C6) n.r.(CHO) n.r.( $\text{CH}_2$ )	96Hön

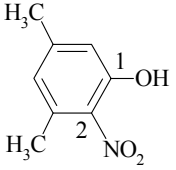
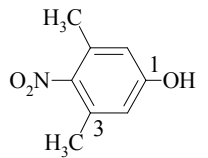
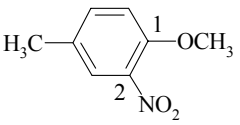
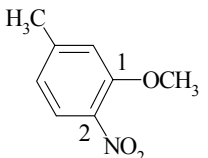
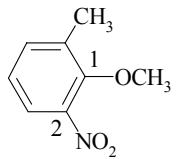
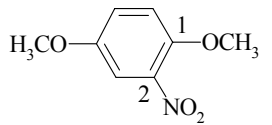
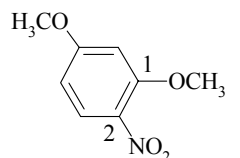
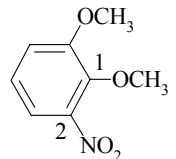
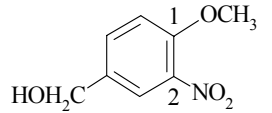
Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_8\text{O}_2$		$\text{CDCl}_3$	119.7(C1) 162.3(C2) 118.8 <sup>a</sup> (C3) 136.3(C4) 118.2 <sup>a</sup> (C5) 130.7(C6) 204.4(CO) 26.3(CH <sub>3</sub> )	72Jon
$\text{C}_8\text{H}_8\text{O}_2$		DMSO	162.1(C1) 115.3(C2/6) 130.8(C3/5) 128.8(C4) n.r.(CO) n.r.(CH <sub>3</sub> )	87Hut
$\text{C}_8\text{H}_8\text{O}_3$		$\text{CDCl}_3$	119.9(C1) 156.3(C2) 111.1(C3) 131.5(C4) 118.7(C5) 129.2(C6) n.r.(CO) n.r.(OCH <sub>3</sub> )	89Bie
$\text{C}_8\text{H}_8\text{O}_3$		$\text{CDCl}_3$	112.4(C1) 161.7(C2) 117.5 <sup>a</sup> (C3) 135.5(C4) 119.0 <sup>a</sup> (C5) 129.9(C6) 170.5(CO) 52.1(OCH <sub>3</sub> )	72Jon
$\text{C}_8\text{H}_8\text{O}_3$		$\text{CDCl}_3$	151.4(C1) 109.2(C2) 156.9(C3) 113.4 <sup>a</sup> (C4) 130.2(C5) 113.5 <sup>a</sup> (C6) n.r.(CO) n.r.(CH <sub>3</sub> )	96Hön
$\text{C}_8\text{H}_8\text{O}_3$		$\text{CDCl}_3$	131.2(C1) 116.5(C2) 156.1(C3) 120.5(C4) 129.8(C5) 121.8(C6) n.r.(CO) 52.4(OCH <sub>3</sub> )	89Bud
$\text{C}_8\text{H}_8\text{O}_3$		$\text{CDCl}_3$	122.3(C1) 132.0(C2/6) 115.3(C3/5) 160.4(C4) 167.5(CO) 52.1(OCH <sub>3</sub> )	89Bud
$\text{C}_8\text{H}_8\text{O}_3$		$\text{CDCl}_3$	129.5(C1) 109.4 <sup>a</sup> (C2) 147.5(C3) 152.3(C4) 114.8 <sup>a</sup> (C5) 127.4(C6) 191.3(CHO) 56.0(OCH <sub>3</sub> )	72Jon
$\text{C}_8\text{H}_8\text{O}_3$		Ac-d <sub>6</sub>	132.0(C1) 125.4(C2) 148.3(C3) 154.2(C4) 112.3(C5) 114.9(C6) 191.9(CHO) 57.7(OCH <sub>3</sub> )	92Kol
$\text{C}_8\text{H}_9$		$\text{CD}_3\text{CN}$	174.1(C1) 156.6(C2/7) 153.5(C3/6) 153.9(C4/5) 29.3(CH <sub>3</sub> )	80Tak
$\text{C}_8\text{H}_9\text{Br}$		$\text{CDCl}_3$	138.2(C1/3) 127.6(C2) 128.1(C4/6) 126.6(C5) 23.8(CH <sub>3</sub> )	80Kit

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_9\text{BrSe}$		$\text{CDCl}_3$	133.9(C1) 124.8(C2) 129.8(C3) 127.5(C4) 126.8(C5) 132.5(C6) 20.3( $\text{CH}_2$ ) 14.3( $\text{CH}_3$ )	84Bai
$\text{C}_8\text{H}_9\text{BrTe}$		$\text{CDCl}_3$	119.7(C1) 128.9(C2) 131.7(C3) 127.5(C4) 127.5(C5) 134.5(C6) 1.2( $\text{CH}_2$ ) 16.1( $\text{CH}_3$ )	84Bai
$\text{C}_8\text{H}_9\text{Cl}$		$\text{CDCl}_3$	134.9(C1) 136.4(C2) 130.0(C3) 128.2(C4) 125.7(C5) 129.1(C6) 44.3( $\text{CH}_2$ ) 18.5( $\text{CH}_3$ )	79Mar
$\text{C}_8\text{H}_9\text{Cl}$		$\text{CDCl}_3$	136.2(C1/3) 134.7(C2) 128.3(C4/6) 125.9(C5) 20.6( $\text{CH}_3$ )	80Kit
$\text{C}_8\text{H}_9\text{ClSe}$		$\text{CDCl}_3$	131.3(C1) 134.1(C2) 128.9(C3) 126.7(C4) 126.3(C5) 129.7(C6) 19.4( $\text{CH}_2$ ) 14.2( $\text{CH}_3$ )	84Bai
$\text{C}_8\text{H}_9\text{ClTe}$		$\text{CDCl}_3$	116.2(C1) 137.8(C2) 128.2(C3) 127.5(C4) 126.7(C5) 134.5(C6) -0.1( $\text{CH}_2$ ) 16.0( $\text{CH}_3$ )	84Bai
$\text{C}_8\text{H}_9\text{ClN}_2\text{O}_2$		$\text{CDCl}_3$	155.2(C1) 124.3(C2) 126.9(C3) 140.3(C4) 123.1(C5) 117.7(C6) 42.8( $\text{CH}_3$ )	85Str
$\text{C}_8\text{H}_9\text{ClN}_2\text{O}_2$		$\text{CDCl}_3$	153.3(C1) 113.2(C2) 130.3(C3) 135.4(C4) 128.5(C5) 109.2(C6) 40.0( $\text{CH}_3$ )	85Str
$\text{C}_8\text{H}_9\text{F}$		$\text{CDCl}_3$	124.4(C1/3) 159.9(C2) 128.8(C4/6) 123.2(C5) 14.5( $\text{CH}_3$ ) $^1J(\text{F}, \text{C}2)=254.5$ $^2J(\text{F}, \text{C}1)=17.7$ $^3J(\text{F}, \text{C}4)=4.9$ $^3J(\text{F}, \text{C}3)=4.3$ $^4J(\text{F}, \text{C}5)=4.3$	80Kit
$\text{C}_8\text{H}_9\text{F}$		$\text{CDCl}_3$	139.1(C1) 123.4(C2) 161.7(C3) 112.7(C4) 127.0(C5) 125.3(C6) 19.4(1- $\text{CH}_3$ ) 10.6(2- $\text{CH}_3$ ) $^1J(\text{F}, \text{C}3)=242.9$ $^2J(\text{F}, \text{C}2)=16.0$ $^2J(\text{F}, \text{C}4)=23.9$ $^3J(\text{F}, \text{C}1)=4.6$ $^3J(\text{F}, \text{C}5)=9.8$ $^4J(\text{F}, \text{C}6)=2.4$	76Adc



Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_9\text{F}$		$\text{CDCl}_3$	131.6(C1) 138.2(C2) 115.9(C3) 161.5(C4) 111.9(C5) 130.4(C6) 18.0(1-CH <sub>3</sub> ) 18.9(2-CH <sub>3</sub> ) $^1J(\text{F},\text{C4})=244$ $^2J(\text{F},\text{C3})=21.2$ $^2J(\text{F},\text{C5})=20.3$ $^3J(\text{F},\text{C2})=7.2$ $^3J(\text{F},\text{C6})=7.4$ $^4J(\text{F},\text{C1})=2.5$	76Adc
$\text{C}_8\text{H}_9\text{FSe}$		$\text{CDCl}_3$	116.3(C1) 161.8(C2) 115.2(C3) 128.6(C4) 124.4(C5) 133.8(C6) 19.8(CH <sub>2</sub> ) 15.2(CH <sub>3</sub> )	84Bai
$\text{C}_8\text{H}_9\text{FTe}$		$\text{CDCl}_3$	99.3(C1) 168.8(C2) 113.9(C3) 129.6(C4) 124.8(C5) 138.3(C6) -0.7(CH <sub>2</sub> ) 17.0(CH <sub>3</sub> )	84Bai
$\text{C}_8\text{H}_9\text{ISe}$		$\text{CDCl}_3$	138.3(C1) 101.6(C2) 139.2(C3) 126.9(C4) 128.3(C5) 129.2(C6) 22.1(CH <sub>2</sub> ) 14.2(CH <sub>3</sub> )	84Bai
$\text{C}_8\text{H}_9\text{ITe}$		$\text{CDCl}_3$	126.0(C1) 106.6(C2) 134.5(C3) 127.9(C4) 127.9(C5) 138.7(C6) 3.5(CH <sub>2</sub> ) 15.9(CH <sub>3</sub> )	84Bai
$\text{C}_8\text{H}_9\text{N}$		$\text{CCl}_4$	138.3(C1) 112.4(C2) 146.1(C3) 114.3(C4) 129.0(C5) 116.7(C6) 137.2(CH) 112.8(CH <sub>2</sub> )	83Rey
$\text{C}_8\text{H}_9\text{N}$		$\text{CCl}_4$	138.0(C1) 127.1(C2/6) 114.5(C3/5) 145.8(C4) 136.6(CH) 109.4(CH <sub>2</sub> )	83Rey
$\text{C}_8\text{H}_9\text{NO}$		$\text{DMSO-d}_6$	139.5(C1) 119.3(C2/6) 128.7(C3/5) 123.2(C4) 168.5(CO) 24.0(CH <sub>3</sub> )	80Lli
$\text{C}_8\text{H}_9\text{NO}$		$\text{CDCl}_3$	138.3(C1) 114.0(C2) 146.8(C3) 119.7(C4) 129.4(C5) 118.8(C6) 196.3(CO) 26.7(CH <sub>3</sub> )	91Bud
$\text{C}_8\text{H}_9\text{NO}$		$\text{CDCl}_3$	127.8(C1) 130.8(C2/6) 113.7(C3/5) 151.3(C4) 196.3(CO) 26.1(CH <sub>3</sub> )	91Bud
$\text{C}_8\text{H}_9\text{NO}_2$		$\text{CDCl}_3$	120.4(C1) 157.4(C2) 111.1(C3) 131.1(C4) 120.8(C5) 127.7(C6) 146.6(C=N)	79Dan

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_9\text{NO}_2$		$\text{CDCl}_3$	134.4(C1) 111.2(C2) 159.8(C3) 116.5(C4) 129.8(C5) 120.2(C6) 150.3(C=N)	79Dan
$\text{C}_8\text{H}_9\text{NO}_2$		$\text{CDCl}_3$	124.6(C1) 128.5(C2/6) 114.2(C3/5) 161.0(C4) 149.9(C=N)	79Dan
$\text{C}_8\text{H}_9\text{NO}_2$		$\text{CDCl}_3$ / $\text{DMSO-d}_6$	139.2(C1) 149.8(C2) 124.8(C3) 127.1(C4) 133.2(C5) 131.5(C6) 26.4( $\text{CH}_2$ ) 15.2( $\text{CH}_3$ )	92Ras
$\text{C}_8\text{H}_9\text{NO}_2$		$\text{CDCl}_3$	110.0(C1) 150.6(C2) 116.6 <sup>a</sup> (C3) 134.0 <sup>b</sup> (C4) 116.0 <sup>a</sup> (C5) 131.1 <sup>b</sup> (C6) 168.5(CO) 51.3( $\text{OCH}_3$ )	72Jon
$\text{C}_8\text{H}_9\text{NO}_2$		$\text{CDCl}_3$	131.1(C1) 115.7(C2) 146.7(C3) 119.4(C4) 129.2(C5) 119.5(C6) 167.4(CO) 52.0( $\text{OCH}_3$ )	89Bud
$\text{C}_8\text{H}_9\text{NO}_2$		$\text{CDCl}_3$	151.7(C1) 108.3(C2) 147.8(C3) 112.7(C4) 130.0(C5) 111.3(C6) 169.6(CO) 21.1( $\text{CH}_3$ )	91Bud
$\text{C}_8\text{H}_9\text{NO}_2$		$\text{CDCl}_3$	119.7(C1) 131.6(C2/6) 113.8(C3/5) 150.9(C4) 167.2(CO) 51.6( $\text{OCH}_3$ )	89Bud
$\text{C}_8\text{H}_9\text{NO}_2$		$\text{CDCl}_3$	142.9(C1) 122.1(C2/6) 115.6(C3/5) 144.2(C4) 170.0(CO) 21.0( $\text{CH}_3$ )	91Bud
$\text{C}_8\text{H}_9\text{NO}_2$		DMSO	153.4(C1) 115.3(C2/6) 121.3(C3/5) 131.2(C4) n.r.(CO) n.r.( $\text{CH}_3$ )	87Hut
$\text{C}_8\text{H}_9\text{NO}_2$		$\text{CDCl}_3$	129.8(C1/3) n.r.(C2) 128.7(C4/6) 129.3(C5) 17.2( $\text{CH}_3$ )	80Kit
$\text{C}_8\text{H}_9\text{NO}_3$		$\text{CDCl}_3$	150.8(C1) 141.7(C2) 130.8(C3) 122.6(C4) 130.7(C5) 110.1(C6) 56.3( $\text{OCH}_3$ ) 16.8( $\text{CH}_3$ )	92Zee

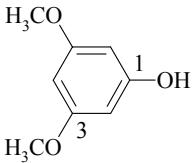
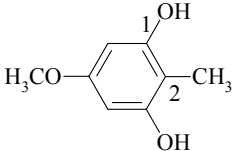
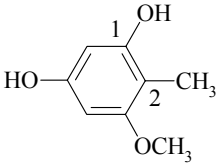
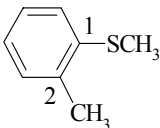
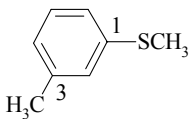
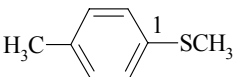
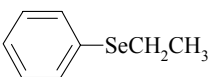
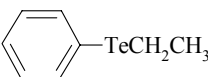
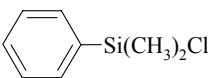
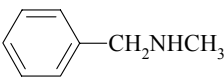
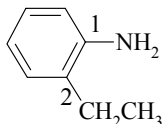
Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_9\text{NO}_3$		$\text{CDCl}_3$	154.5(C1) 132.8(C2) 135.5(C3) 124.4(C4) 146.1(C5) 116.7(C6) 21.4(3- $\text{CH}_3$ ) 21.5(5- $\text{CH}_3$ )	87Sal
$\text{C}_8\text{H}_9\text{NO}_3$		$\text{CDCl}_3$	156.5(C1) 114.7(C2/6) 132.7(C3/5) 145.3(C4) 18.1(3/5- $\text{CH}_3$ )	87Sal
$\text{C}_8\text{H}_9\text{NO}_3$		$\text{CDCl}_3$	150.9(C1) 139.3(C2) 125.7(C3) 130.2(C4) 134.9(C5) 113.6(C6) 56.6( $\text{OCH}_3$ ) 20.1( $\text{CH}_3$ )	92Zee
$\text{C}_8\text{H}_9\text{NO}_3$		$\text{CDCl}_3$	153.2(C1) 137.3(C2) 125.8(C3) 121.0(C4) 146.2(C5) 114.1(C6) 56.4( $\text{OCH}_3$ ) 21.9( $\text{CH}_3$ )	92Zee
$\text{C}_8\text{H}_9\text{NO}_3$		$\text{CDCl}_3$	151.6(C1) 144.4(C2) 122.8(C3) 123.8(C4) 135.7(C5) 134.6(C6) 61.8( $\text{OCH}_3$ ) 16.0( $\text{CH}_3$ )	92Zee
$\text{C}_8\text{H}_9\text{NO}_4$		$\text{CDCl}_3$	152.9(C1) 139.6(C2) 110.1(C3) 147.4(C4) 120.8(C5) 115.2(C6) 57.1(1- $\text{OCH}_3$ ) 56.1(4- $\text{OCH}_3$ )	92Zee
$\text{C}_8\text{H}_9\text{NO}_4$		$\text{CDCl}_3$	155.7(C1) 133.2(C2) 128.5(C3) 104.8(C4) 164.8(C5) 99.7(C6) 56.5(1- $\text{OCH}_3$ ) 55.9(5- $\text{OCH}_3$ )	92Zee
$\text{C}_8\text{H}_9\text{NO}_4$		$\text{CDCl}_3$	142.9(C1) 145.1(C2) 116.1(C3) 123.7(C4) 116.0(C5) 154.2(C6) 56.5(1- $\text{OCH}_3$ ) 62.0(6- $\text{OCH}_3$ )	92Zee
$\text{C}_8\text{H}_9\text{NO}_4$		$\text{CDCl}_3$	152.2(C1) 139.2(C2) 124.0(C3) 133.4(C4) 132.8(C5) 113.7(C6) 63.4( $\text{CH}_2$ ) 56.6( $\text{OCH}_3$ )	92Zee

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_9\text{NO}_4\text{S}$		$\text{CDCl}_3$ / $\text{DMSO-d}_6$	130.8(C1) 127.2(C2) 144.3(C3) 130.3(C4) 129.1(C5) 132.6(C6) 165.6(CO) 52.4(OCH <sub>3</sub> )	89Bud
$\text{C}_8\text{H}_9\text{NO}_4\text{S}$		$\text{CDCl}_3$ / $\text{DMSO-d}_6$	132.9(C1) 129.9(C2/6) 126.1(C3/5) 147.6(C4) 165.7(CO) 52.4(OCH <sub>3</sub> )	89Bud
$\text{C}_8\text{H}_{10}$		n.r.	136.5(C1/2) 129.8(C3/6) 126.0(C4/5) 19.6(CH <sub>3</sub> )	76Smi
$\text{C}_8\text{H}_{10}$		$\text{CDCl}_3$	137.6(C1/3) 129.8(C2) 126.0(C4/6) 128.1(C5) 21.2(CH <sub>3</sub> )	80Kit
$\text{C}_8\text{H}_{10}$		n.r.	134.6(C1/4) 129.0(C2/3/5/6) 20.9(CH <sub>3</sub> )	77Sha1
$\text{C}_8\text{H}_{10}$		$\text{C}_6\text{D}_6$	144.2(C1) 128.1(C2/6) 128.6(C3/5) 125.9(C4) 29.2(CH <sub>2</sub> ) 15.8(CH <sub>3</sub> )	74Ern
$\text{C}_8\text{H}_{10}\text{BrNOS}$		$\text{CDCl}_3$	144.6(C1) 124.9(C2/6) 132.0(C3/5) 114.5(C4) 41.9(CH <sub>3</sub> )	76Kre
$\text{C}_8\text{H}_{10}\text{BrNS}$		$\text{CDCl}_3$	154.4(C1) 119.3(C2/6) 131.3(C3/5) 107.4(C4) 35.7(SCH <sub>3</sub> )	76Kre
$\text{C}_8\text{H}_{10}\text{Br}_2\text{N}_2$		$\text{CDCl}_3$	145.3(C1) 118.7(C2/6) 126.6(C3/5) 139.3(C4) n.r.(CH <sub>3</sub> )	89Str
$\text{C}_8\text{H}_{10}\text{ClNOS}$		$\text{CDCl}_3$	144.2(C1) 124.3(C2/6) 128.9(C3/5) 126.5(C4) 441.7(CH <sub>3</sub> )	76Kre
$\text{C}_8\text{H}_{10}\text{ClNO}_2$		$\text{CDCl}_3$	130.9(C1) 146.5 <sup>a</sup> (C2) 98.9(C3) 147.5 <sup>a</sup> (C4) 113.8(C5) 116.0(C6) 55.7(2-OCH <sub>3</sub> ) 57.3(4-OCH <sub>3</sub> )	72Jon
$\text{C}_8\text{H}_{10}\text{ClNS}$		$\text{CDCl}_3$	154.0(C1) 118.9(C2/6) 128.6(C3/5) 120.4(C4) 35.9(SCH <sub>3</sub> )	76Kre

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_{10}\text{Cl}_2\text{N}_2$		$\text{CDCl}_3$	144.6(C1) 115.1(C2/6) 136.4(C3/5) 137.1(C4) n.r.(CH <sub>3</sub> )	89Str
$\text{C}_8\text{H}_{10}\text{Cl}_2\text{Si}$		Neat	133.6(C1) 128.2(C2/6) 128.2(C3/5) 125.3(C4) 30.6(CH <sub>2</sub> ) 4.0(CH <sub>3</sub> )	75Ngu
$\text{C}_8\text{H}_{10}\text{FN}$		Neat	148.2(C1) 115.5(C2/6) 114.1(C3/5) 156.1(C4) n.r.(CH <sub>3</sub> )	72Miy
$\text{C}_8\text{H}_{10}\text{FNS}$		$\text{CDCl}_3$	160.7(C1) 119.0(C2/6) 115.2(C3/5) 150.7(C4) 36.3(SCH <sub>3</sub> )	76Kre
$\text{C}_8\text{H}_{10}\text{F}_2\text{Si}$		Neat	133.6(C1) 127.8(C2/6) 127.8(C3/5) 124.6(C4) 22.1(CH <sub>2</sub> ) 6.7(CH <sub>3</sub> )	75Ngu
$\text{C}_8\text{H}_{10}\text{I}_2\text{N}_2$		$\text{CDCl}_3$	145.8(C1) 125.4(C2/6) 101.2(C3/5) 144.4(C4) n.r.(CH <sub>3</sub> )	89Str
$\text{C}_8\text{H}_{10}\text{N}_2\text{O}$		$\text{CDCl}_3$ / DMSO- $d_6$	147.3(C1) 106.7(C2) 139.0(C3) 109.8(C4) 129.7(C5) 111.1(C6) 168.5(CO) 24.6(CH <sub>3</sub> )	91Bud
$\text{C}_8\text{H}_{10}\text{N}_2\text{O}$		$\text{CDCl}_3$ / DMSO- $d_6$	143.1(C1) 115.0(C2/6) 121.7(C3/5) 129.9(C4) 168.3(CO) 23.9(CH <sub>3</sub> )	91Bud
$\text{C}_8\text{H}_{10}\text{N}_2\text{O}_2$		$\text{CDCl}_3$	154.3(C1) 110.3(C2/6) 126.1(C3/5) 137.0(C4) 40.2(CH <sub>3</sub> )	85Str
$\text{C}_8\text{H}_{10}\text{O}$		$\text{CCl}_4$	139.5(C1) 128.1(C2/6) 129.0(C3/5) 128.1(C4) 75.8(CH <sub>2</sub> ) n.r.(OCH <sub>3</sub> )	72Zet
$\text{C}_8\text{H}_{10}\text{O}$		$\text{CDCl}_3$	145.9(C1) 125.3(C2/6) 128.2(C3/5) 127.0(C4) 69.9(CH) 25.0(CH <sub>3</sub> )	72Jon
$\text{C}_8\text{H}_{10}\text{O}$		$\text{CDCl}_3$	155.0(C1) 129.9(C2) 128.9(C3) 119.0(C4) 126.6(C5) 114.8(C6) n.r.(CH <sub>2</sub> ) n.r.(CH <sub>3</sub> )	80New

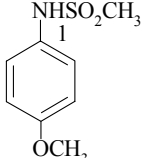
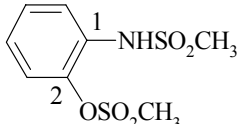
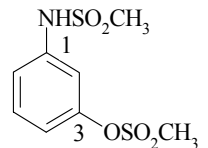
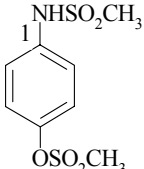
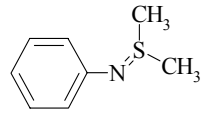
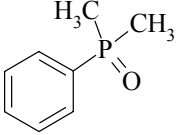
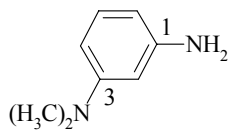
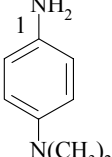
Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_{10}\text{O}$		$\text{CDCl}_3$	157.8(C1) 126.6(C2) 130.7(C3) 120.3(C4) 126.8(C5) 109.9(C6) 16.2( $\text{CH}_3$ ) n.r.( $\text{OCH}_3$ )	76Smi
$\text{C}_8\text{H}_{10}\text{O}$		$\text{CDCl}_3$	139.7(C1) 135.9(C2) 130.2(C3) 127.4(C4) 126.1(C5) 127.6(C6) 62.5( $\text{CH}_2$ ) 18.5( $\text{CH}_3$ )	79Mar
$\text{C}_8\text{H}_{10}\text{O}$		n.r.	138.0(C1) 127.1(C2/6) 129.1(C3/5) 137.6(C4) 64.8( $\text{CH}_2$ ) n.r.( $\text{CH}_3$ )	77Sha1
$\text{C}_8\text{H}_{10}\text{O}$		$\text{CCl}_4$	159.9(C1) 115.0(C2) 139.4(C3) 121.6(C4) 129.3(C5) 111.0(C6) 21.5( $\text{CH}_3$ ) n.r.( $\text{OCH}_3$ )	76Ina
$\text{C}_8\text{H}_{10}\text{O}$		$\text{CDCl}_3$	155.3(C1) 115.1(C2/6) 128.6(C3/5) 134.0(C4) n.r.( $\text{CH}_2$ ) n.r.( $\text{CH}_3$ )	80New
$\text{C}_8\text{H}_{10}\text{O}$		$\text{CCl}_4$	157.8(C1) 113.9(C2/6) 129.8(C3/5) 129.6(C4) n.r.( $\text{OCH}_3$ ) 20.4( $\text{CH}_3$ )	76Ina
$\text{C}_8\text{H}_{10}\text{O}$		$\text{CDCl}_3$	153.5(C1) 122.6(C2) 138.4(C3) 122.5(C4) 126.1(C5) 112.8(C6) 11.4(2- $\text{CH}_3$ ) 20.0(3- $\text{CH}_3$ )	77Mat
$\text{C}_8\text{H}_{10}\text{O}$		$\text{CDCl}_3$	151.5(C1) 123.7(C2) 131.7(C3) 130.0(C4) 127.4(C5) 114.9(C6) 15.7(2- $\text{CH}_3$ ) 20.4(4- $\text{CH}_3$ )	77Mat
$\text{C}_8\text{H}_{10}\text{O}$		$\text{CDCl}_3$	153.6(C1) 120.6(C2) 130.8(C3) 121.5(C4) 137.1(C5) 115.8(C6) 15.3(2- $\text{CH}_3$ ) 20.9(5- $\text{CH}_3$ )	77Mat
$\text{C}_8\text{H}_{10}\text{O}$		$\text{CDCl}_3$	152.2(C1) 123.1(C2/6) 128.6(C3/5) 120.3(C4) 15.8( $\text{CH}_3$ )	77Mat
$\text{C}_8\text{H}_{10}\text{O}$		$\text{CDCl}_3$ 317K	153.3(C1) 116.9(C2) 137.4(C3) 128.1(C4) 130.5(C5) 112.8(C6) 19.6(3- $\text{CH}_3$ ) 18.6(4- $\text{CH}_3$ )	78Net

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_{10}\text{O}$		$\text{CDCl}_3$	155.1(C1) 113.0(C2/6) 139.2(C3/5) 122.2(C4) 20.9( $\text{CH}_3$ )	87Sal
$\text{C}_8\text{H}_{10}\text{OS}$		$\text{CDCl}_3$	126.5(C1) 155.7(C2) 109.6(C3) 125.3 <sup>a</sup> (C4) 120.7(C5) 125.4 <sup>a</sup> (C6) 14.0( $\text{SCH}_3$ ) 55.2( $\text{OCH}_3$ )	00Per
$\text{C}_8\text{H}_{10}\text{O}_2$		$\text{CDCl}_3$	139.4(C1/2) 129.6(C3/6) 128.5(C4/5) n.r.( $\text{CH}_2\text{OH}$ )	96Hön
$\text{C}_8\text{H}_{10}\text{O}_2$		$\text{CDCl}_3$	149.9(C1/2) 112.1(C3/6) 121.0(C4/5) n.r.( $\text{OCH}_3$ )	89Bie
$\text{C}_8\text{H}_{10}\text{O}_2$		DMSO	162.0(C1/3) 101.4(C2) 107.0(C4/6) 126.4(C5) n.r.( $\text{OCH}_3$ )	89Bie
$\text{C}_8\text{H}_{10}\text{O}_2$		DMSO	154.6(C1) 115.8(C2/6) 115.8(C3/5) 154.6(C4) n.r.( $\text{OCH}_3$ )	71Miy
$\text{C}_8\text{H}_{10}\text{O}_2$		$\text{CDCl}_3$	147.0(C1) 146.9(C2) 113.9(C3) 119.3(C4) 121.0(C5) 115.7(C6) n.r.( $\text{OCH}_2$ ) n.r.( $\text{CH}_3$ )	80New
$\text{C}_8\text{H}_{10}\text{O}_2$		$\text{CDCl}_3$	141.9(C1/3) 125.3(C2) 125.5(C4/6) 128.2(C5) n.r.( $\text{CH}_2\text{OH}$ )	96Hön
$\text{C}_8\text{H}_{10}\text{O}_2$		$\text{CDCl}_3$	151.4(C1) 115.7(C2/6) 115.4(C3/5) 151.1(C4) n.r.( $\text{OCH}_2$ ) n.r.( $\text{CH}_3$ )	80New
$\text{C}_8\text{H}_{10}\text{O}_2$		$\text{CDCl}_3$	133.2(C1) 128.4(C2/6) 113.7(C3/5) 158.8(C4) 64.2( $\text{CH}_2$ ) 55.0( $\text{OCH}_3$ )	72Jon
$\text{C}_8\text{H}_{10}\text{O}_2$		$\text{CDCl}_3$	148.0(C1) 125.4(C2) 116.8(C3) 153.4(C4) 112.0(C5) 115.7(C6) n.r.( $\text{OCH}_3$ ) n.r.( $\text{CH}_3$ )	96Hön

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_{10}\text{O}_3$		$\text{Ac-d}_6$	159.9(C1) 94.8(C2/6) 162.5(C3/5) 92.6(C6) 55.2( $\text{OCH}_3$ )	78Äyr
$\text{C}_8\text{H}_{10}\text{O}_3$		$\text{Ac-d}_6$	157.5(C1/3) 103.8(C2) 93.8(C4/6) 159.5(C5) 8.1( $\text{CH}_3$ ) 55.1( $\text{OCH}_3$ )	78Äyr
$\text{C}_8\text{H}_{10}\text{O}_3$		$\text{Ac-d}_6$	160.1(C1) 103.6(C2) 157.1(C3) 96.1(C4) 157.1(C5) 91.6(C6) 8.0( $\text{CH}_3$ ) 55.7( $\text{OCH}_3$ )	78Äyr
$\text{C}_8\text{H}_{10}\text{S}$		$\text{CDCl}_3$	137.5(C1) 135.4(C2) 129.6(C3) 124.4(C4) 124.4(C5) 126.3(C6) 14.9( $\text{SCH}_3$ ) 19.8( $\text{CH}_3$ )	00Per
$\text{C}_8\text{H}_{10}\text{S}$		$\text{CCl}_4$	138.5(C1) 127.3(C2) 138.2(C3) 125.9(C4) 128.7(C5) 123.7(C6) n.r. ( $\text{SCH}_3$ ) 21.3( $\text{CH}_3$ )	76Ina
$\text{C}_8\text{H}_{10}\text{S}$		$\text{CCl}_4$	135.0(C1) 127.4(C2/6) 129.6(C3/5) 134.8(C4) n.r. ( $\text{SCH}_3$ ) 20.9( $\text{CH}_3$ )	76Ina
$\text{C}_8\text{H}_{10}\text{Se}$		$\text{CDCl}_3$	130.1(C1) 132.1(C2/6) 128.6(C3/5) 126.2(C4) 20.9( $\text{CH}_2$ ) 15.2( $\text{CH}_3$ )	84Bai
$\text{C}_8\text{H}_{10}\text{Te}$		$\text{CDCl}_3$	111.3(C1) 137.8(C2/6) 128.5(C3/5) 126.8(C4) 0.1( $\text{CH}_2$ ) 17.0( $\text{CH}_3$ )	84Bai
$\text{C}_8\text{H}_{11}\text{ClSi}$		Neat	136.2(C1) 133.2(C2/6) 128.3(C3/5) 130.3(C4) 2.4( $\text{CH}_3$ )	75Ngu
$\text{C}_8\text{H}_{11}\text{N}$		Dioxane	141.1(C1) 128.2(C2/6) 128.2(C3/5) 126.7(C4) 56.1( $\text{CH}_2$ ) 35.9( $\text{CH}_3$ )	72Jon
$\text{C}_8\text{H}_{11}\text{N}$		$\text{CDCl}_3$	144.1(C1) 127.8(C2) 128.2(C3) 118.5(C4) 126.6(C5) 115.2(C6) 23.9( $\text{CH}_2$ ) 12.9( $\text{CH}_3$ )	72Jon



Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_{11}\text{N}$		$\text{CDCl}_3$	121.5(C1/3) 142.6(C2) 128.1(C4/6) 117.8(C5) 17.4( $\text{CH}_3$ )	80Kit
$\text{C}_8\text{H}_{11}\text{N}$		$\text{CDCl}_3$	144.5(C1) 120.6(C2) 136.8(C3) 120.4(C4) 125.9(C5) 113.1(C6) 12.4(2- $\text{CH}_3$ ) 20.3(3- $\text{CH}_3$ )	72Jon
$\text{C}_8\text{H}_{11}\text{N}$		$\text{CCl}_4$ 317K	142.7(C1) 122.3(C2) 131.1(C3) 127.0(C4) 127.4(C5) 115.2(C6) 17.0(2- $\text{CH}_3$ ) 20.4(4- $\text{CH}_3$ )	78Net
$\text{C}_8\text{H}_{11}\text{N}$		$\text{CCl}_4$ 317K	145.1(C1) 119.2(C2) 130.4(C3) 119.2(C4) 136.2(C5) 116.0(C6) 16.6(2- $\text{CH}_3$ ) 21.0(5- $\text{CH}_3$ )	78Net
$\text{C}_8\text{H}_{11}\text{N}$		$\text{CCl}_4$ 317K	144.4(C1) 116.7(C2) 136.4(C3) 125.3(C4) 130.1(C5) 112.5(C6) 19.6(3- $\text{CH}_3$ ) 18.6(4- $\text{CH}_3$ )	78Net
$\text{C}_8\text{H}_{11}\text{N}$		$\text{CDCl}_3$	146.0(C1) 112.5(C2/6) 138.0(C3/5) 119.6(C4) 20.6(3/5- $\text{CH}_3$ )	87Sal
$\text{C}_8\text{H}_{11}\text{NOS}$		$\text{CDCl}_3$	145.4(C1) 123.2(C2/6) 129.1(C3/5) 121.8(C4) n.r.( $\text{SCH}_3$ )	76Kre
$\text{C}_8\text{H}_{11}\text{NO}_2\text{S}$		$\text{CDCl}_3$	141.3(C1) 126.1(C2/6) 129.2(C3/5) 127.3(C4) 38.0( $\text{SO}_2\text{CH}_3$ ) 35.1( $\text{NCH}_3$ )	85Has
$\text{C}_8\text{H}_{11}\text{NO}_2\text{S}$		$\text{CDCl}_3$	134.6(C1) 131.3(C2) 131.1(C3) 126.1(C4) 126.9(C5) 123.5(C6) 39.5( $\text{SO}_2\text{CH}_3$ ) 17.9( $\text{CH}_3$ )	85Has
$\text{C}_8\text{H}_{11}\text{NO}_2\text{S}$		$\text{CDCl}_3$	136.9(C1) 121.5(C2) 139.7(C3) 126.2(C4) 129.4(C5) 117.9(C6) 39.2( $\text{SO}_2\text{CH}_3$ ) 21.3( $\text{CH}_3$ )	90Waz
$\text{C}_8\text{H}_{11}\text{NO}_2\text{S}$		$\text{CDCl}_3$	134.0(C1) 121.5(C2/6) 130.1(C3/5) 135.5(C4) 38.9( $\text{SO}_2\text{CH}_3$ ) 20.8( $\text{CH}_3$ )	85Has

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / $J$ [Hz]	Ref.
$\text{C}_8\text{H}_{11}\text{NO}_3\text{S}$		$\text{CDCl}_3$	129.1(C1) 124.6(C2/6) 114.7(C3/5) 157.9(C4) 38.6( $\text{SO}_2\text{CH}_3$ ) 55.5( $\text{OCH}_3$ )	85Has
$\text{C}_8\text{H}_{11}\text{NO}_5\text{S}_2$		$\text{CDCl}_3$	130.0(C1) 141.3(C2) 124.9(C3) 126.0(C4) 127.4(C5) 122.7(C6) 40.5( $\text{NHSO}_2\text{CH}_3$ ) 38.2( $\text{OSO}_2\text{CH}_3$ )	90Waz
$\text{C}_8\text{H}_{11}\text{NO}_5\text{S}_2$		$\text{CDCl}_3$	139.9(C1) 112.8(C2) 149.4(C3) 116.8(C4) 130.6(C5) 117.8(C6) 39.5( $\text{NHSO}_2\text{CH}_3$ ) 37.4( $\text{OSO}_2\text{CH}_3$ )	90Waz
$\text{C}_8\text{H}_{11}\text{NO}_5\text{S}_2$		$\text{CDCl}_3$	137.2(C1) 123.0(C2/6) 121.0(C3/5) 145.1(C4) 39.4( $\text{NHSO}_2\text{CH}_3$ ) 37.2( $\text{OSO}_2\text{CH}_3$ )	90Waz
$\text{C}_8\text{H}_{11}\text{NS}$		$\text{CDCl}_3$	154.9(C1) 117.8(C2/6) 128.8(C3/5) 116.4(C4) n.r.( $\text{CH}_3$ )	76Kre
$\text{C}_8\text{H}_{11}\text{OP}$		$\text{CDCl}_3$	135.0(C1) 129.6(C2/6) 128.6(C3/5) 131.5(C4) 18.0( $\text{CH}_3$ ) $^1J(\text{P},\text{C}1)=98.0$ $^2J(\text{P},\text{C}2)=9.6$ $^3J(\text{P},\text{C}3)=11.6$ $^4J(\text{P},\text{C}4)=2.8$	75Alb
$\text{C}_8\text{H}_{12}\text{N}_2$		$\text{CDCl}_3$	147.4(C1) 99.7(C2) 151.8(C3) 104.4(C4) 129.8(C5) 103.8(C6) 40.6( $\text{CH}_3$ )	91Bud
$\text{C}_8\text{H}_{12}\text{N}_2$		$\text{CDCl}_3$	138.0(C1) 116.6(C2/6) 115.6(C3/5) 144.6(C4) 42.1( $\text{CH}_3$ )	91Bud