International Union of Pure and Applied Chemistry

Division VIII Chemical Nomenclature and Structure Representation Division

Nomenclature of Organic Chemistry. IUPAC Recommendations and Preferred Names 2013.

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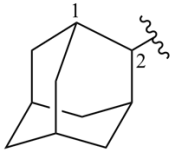
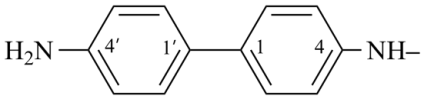
Appendix 2

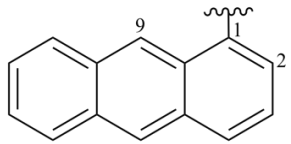
DETACHABLE PREFIXES USED FOR SUBSTITUTIVE NOMENCLATURE

The symbol * designates the preferred prefix (for example: acetamido* = acetylamino; acetylamino = acetamido*) or the preselected prefix (for example: sulfanyl* = thio).

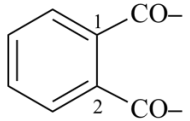
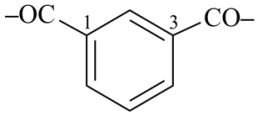
Prefixes that are not recommended are followed by the mention ‘see’ followed by the preferred or preselected prefix (for example: ‘chloroxy: see chloryl*’. No formula is given for the entry ‘chloroxy’. As a counterpart, the preferred or preselected prefix is followed by the mention ‘not’ and the prefix that is not recommended enclosed in appropriate enclosing marks [for example: chloryl* (not chloroxy)].

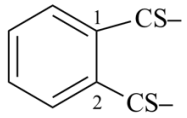
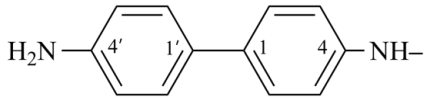
Name	Formula	Rule(s)
acetamido* = acetylamino	CH_3-CO-NH–	P-66.1.1.4.3
acetimidamido = ethanimidamido* = acetimidoylamino	CH_3-C(=NH)-NH–	P-66.4.1.3.5
acetimidoyl = ethanimidoyl* = 1-iminoethyl	CH_3-C(=NH)–	P-65.1.7.2.2
acetimidoylamino = ethanimidamido* = acetimidamido	CH_3-C(=NH)-NH–	P-66.4.1.3.5
acetohydrazido* = 2-acetylhydrazin-1-yl	CH_3-CO-NH-NH–	P-66.3.2.3
acetohydrazonoyl = ethanehydrazonoyl* = 1-hydrazinylideneethyl	CH_3-C(=N-NH_2)–	P-65.1.7.2.2
acetohydroximoyl = *N*-hydroxyethanimidoyl* = *N*-hydroxyacetimidoyl	CH_3C(=N-OH)–	P-65.1.7.2.2
acetonyl = 2-oxopropyl*	$\overset{3}{C}H_3$-$\overset{2}{C}O$-$\overset{1}{C}H_2$–	P-64.5.1
acetonylidene: see 2-oxopropylidene*		
acetonylidyne: see 2-oxopropylidyne*		
acetoxy = acetyloxy*	CH_3-CO-O–	P-65.6.3.2.3
acetoxysulfonyl = (acetyloxy)sulfonyl*	CH_3-CO-O-SO_2–	P-65.3.2.3
acetyl* = ethanoyl = 1-oxoethyl	CH_3-CO–	P-65.1.7.2.1
N-acetylacetamido* = diacetylamino (not diacetylazanyl; not diacetamido)	(CH_3-CO)$_2$N–	P-66.1.2.1
acetylamino = acetamido*	CH_3-CO-NH–	P-66.1.1.4.3
acetylazanediyl* (not acetylimino)	CH_3-CO-N<	P-66.1.1.4.4

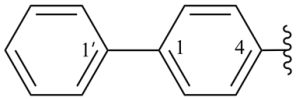
acetylazanylidene* = acetylimino	CH_3-CO-N=	P-62.3.1.2
2-acetylhydrazin-1-yl = acetohydrazido*	CH_3-CO-NH-NH–	P-66.3.2.3
acetylimino = acetylazanylidene* (not acetylazanediyl)	CH_3-CO-N=	P-62.3.1.2
acetyloxy* = acetoxy	CH_3-CO-O–	P-65.6.3.2.3
(acetyloxy)sulfonyl* = acetoxysulfonyl	CH_3-CO-O-SO_2–	P-65.3.2.3
acrylohydrazonoyl = prop-2-enehydrazonoyl* = 1-hydrazinylideneprop-2-en-1-yl	CH_2=CH-C(=N-NH_2)–	P-65.1.7.3.2
acryloyl = prop-2-enoyl* = 1-oxoprop-2-en-1-yl	CH_2=CH-CO–	P-65.1.7.3.1; P-65.1.7.4.1
adamantan-2-yl* = 2-adamantyl = tricyclo[3.3.1.$1^{3,7}$]decan-2-yl (also 1-isomer) 2-adamantyl = adamantan-2-yl* = tricyclo[3.3.1.$1^{3,7}$]decan-2-yl (also 1-isomer)		P-29.6.2.3; P-57.1.5.3
adipoyl = hexanedioyl* = 1,6-dioxohexane-1,6-diyl	–CO-[CH_2]$_4$-CO–	P-65.1.7.3.1; P-65.1.7.4.1
allyl = prop-2-en-1-yl*	CH_2=CH-CH_2–	P-32.3
allylidene = prop-2-en-1-ylidene*	CH_2=CH-CH=	P-32.3
allylidyne = prop-2-enylidyne*	CH_2=CH-C≡	P-32.3
alumanyl*	H_2Al–	P-29.3.1; P-68.1.2
alumanylidene*	HAl=	P-29.3.1; P-68.1.2
amidino: see carbamimidoyl*		
amidochlorophosphoryl = phosphoramidochloridoyl* (not chloroamidophosphoryl)	(H_2N)ClP(O)–	P-67.1.4.1.1.4
amidyl = azanidyl*	$^-$NH–	P-72.6.3
amidylidene = azanidylidene*	$^-$N=	P-72.6.3
amino* = azanyl	H_2N–	P-62.2.3
(4′-amino[1,1′-biphenyl]-4-yl)amino* = benzidino		P-62.2.4.1.1
C-aminocarbonimidoyl = carbamimidoyl* = amino(imino)methyl (not amidino)	H_2N-C(=NH)–	P-65.2.1.5; P-66.4.1.3.1
aminocarbonothioyl = carbamothioyl* = amino(sulfanylidene)methyl (not thiocarbamoyl)	H_2N-CS–	P-65.2.1.5; P-66.1.4.4
aminocarbonyl = carbamoyl*	H_2N-CO–	P-65.2.1.5; P-66.1.1.4.1.1
(aminocarbonyl)amino = carbamoylamino* (not ureido)	H_2N-CO-NH–	P-66.1.6.1.1.3
[(aminocarbonyl)amino]carbonyl = carbamoylcarbamoyl*	H_2N-CO-NH-CO–	P-66.1.6.1.1.4
2-(aminocarbonyl)hydrazin-1-yl = 2-carbamoylhydrazin-1-yl* = semicarbazido	H_2N-CO-NH-NH–	P-68.3.1.2.4
aminodichlorosilyl*	(H_2N)Cl_2Si–	P-67.1.4.2
amino(hydrazinylidene)methyl = carbamohydrazonoyl*	H_2N-C(=N-NH_2)–	P-66.4.2.3.2

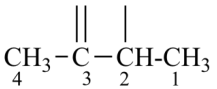
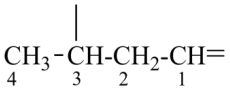
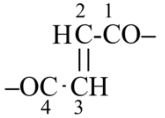
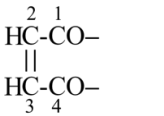
[amino(hydroxy)methylidene]amino* (not 3-isoureido)	H_2N-C(OH)=N–	P-66.1.6.1.2.2
amino(imino)methyl = carbamimidoyl* = *C*-aminocarbonimidoyl (not amidino)	H_2N-C(=NH)–	P-65.2.1.5; P-66.4.1.3.1
[amino(imino)methyl]amino = carbamimidoylamino* = carbamimidamido = guanidino	H_2N-C(=NH)-NH–	P-66.4.1.2.1.3
(aminomethylidene)amino*	H_2N-CH=N–	P-66.4.1.3.3
(aminomethylidene)hydrazinyl*	H_2N-CH=N-NH–	P-66.4.2.3.4
aminooxalyl = oxamoyl* = amino(oxo)acetyl (not carbamoylformyl; not carbamoycarbonyl)	H_2N-CO-CO–	P-66.1.1.4.1.2
amino(oxo)acetamido = oxamoylamino* (not carbamoylformamido)	H_2N-CO-CO-NH–	P-66.1.1.4.5.1
amino(oxo)acetyl = oxamoyl* = aminooxalyl (not carbamoylformyl; not carbamoycarbonyl)	H_2N-CO-CO–	P-66.1.1.4.1.2
[amino(oxo)acetyl]imino = oxamoylimino*	H_2N-CO-CO-N=	P-66.1.1.4.5.1
aminooxy* (not aminoxy)	H_2N-O–	P-68.3.1.1.1.5
amino(sulfanylidene)methyl = carbamothioyl* = aminocarbonothioyl (not thiocarbamoyl)	H_2N-CS–	P-65.2.1.5; P-66.1.4.4
[amino(sulfanylidene)methyl]amino = carbamothioylamino*	H_2N-CS-NH–	P-66.1.6.1.3.3
[amino(sulfanyl)methylidene]amino*	H_2N-C(SH)=N–	P-66.1.6.1.3.3
S-aminosulfinimidoyl*	H_2N-S(=NH)–	P-66.4.1.3.4
aminosulfinyl* (not sulfinamoyl)	H_2N-S(O)–	P-66.1.1.4.2
(aminosulfinyl)oxy* (not sulfinamoyloxy)	H_2N-S(O)-O–	P-67.1.4.4.2
S-aminosulfonimidoyl*	H_2N-S(O)(=NH)–	P-66.4.1.3.4
S-aminosulfonodiimidoyl*	H_2N-S(=NH)$_2$–	P-66.4.1.3.4
aminosulfonyl = sulfamoyl* = sulfuramidoyl	H_2N-SO_2–	P-65.3.2.3; P-66.1.1.4.2
aminoxy: see aminooxy*		
ammonio = azaniumyl* = ammoniumyl	H_3N^+–	P-73.6
ammoniumyl = azaniumyl* = ammonio	H_3N^+–	P-73.6
anilino* = phenylamino	C_6H_5-NH–	P-62.2.1.1.1
anilinosulfonyl = phenylsulfamoyl* = (phenylamino)sulfonyl	C_6H_5-NH-SO_2–	P-66.1.1.4.2
o-anisidino: see 2-methoxyanilino* (also *m* = 3- and *p* = 4-isomers)		
2-anisidino: see 2-methoxyanilino*		
anthracen-1-yl* = 1-anthryl (also 2-, 9-isomers) 1-anthryl = anthracen-1-yl* (also 2-, 9-isomers)		P-29.6.2.3; P-57.1.5.3
antimonyl: see stiboryl*		
arsanediyl* (not arsinediyl)	HAs<	P-68.3.2.3.2.2
arsanetriyl* (not arsinetriyl)	–As<	P-68.3.2.3.2.2

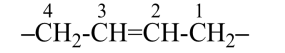
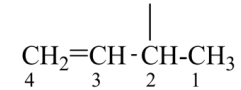
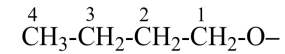
arsaniumyl* = arsonio = arsoniumyl	H_3As^+–	P-73.6
arsanyl* = arsino	H_2As–	P-29.3.1; P-68.3.2.3.2.2
λ^5-arsanyl* = arsoranyl	H_4As–	P-68.3.2.3.2.2
arsanylidene* (not arsinidine)	HAs=	P-29.3.1; P-68.3.2.3.2.2
arsenoso: see oxoarsanyl*		
arsenyl: see arsoryl*		
arsinediyl: see arsanediyl*		
arsinetriyl: see arsanetriyl*		
arsinidine: see arsanylidene*		
arsino = arsanyl*	H_2As–	P-29.3.1; P-68.3.2.3.2.2
arsinoyl* = dihydroarsoryl (not arsinyl)	$H_2As(O)$–	P-67.1.4.1.1.2; P-67.1.4.1.2
arsinyl: see arsinoyl*		
arso: see dioxo-λ^5-arsanyl*		
arsonato*	$(^-O)_2As(O)$–	P-72.6.1
arsonio = arsaniumyl* = arsoniumyl	H_3As^+–	P-73.6
arsoniumyl = arsaniumyl* = arsonio	H_3As^+–	P-73.6
arsono* = dihydroxyarsoryl	$(HO)_2As(O)$–	P-67.1.4.1.1.1
arsonoyl* = hydroarsoryl	HAs(O)<	P-67.1.4.1.1.2; P-67.1.4.1.2
arsoranyl = λ^5-arsanyl*	H_4As–	P-68.3.2.3.2.2
arsorimidoyl* = imidoarsoryl	As(=NH)<	P-67.1.4.1.1.4
arsoryl* (not arsenyl)	–As(O)<	P-67.1.4.1.1.2
azanediidyl*	N^{2-}–	P-72.6.3
azanediyl* (not imino)	HN<	P-35.2.2; P-62.2.5.1
azanetriyl = nitrilo* (not azanylidyne; not azanylylidene)	–N<	P-35.2.1; P-62.2.5.1
azanidyl* = amidyl	$^-$NH–	P-72.6.3
azanidylidene* = amidylidene	$^-$N=	P-72.6.3
azaniumyl* = ammonio = ammoniumyl	H_3N^+–	P-73.6
azanyl = amino*	H_2N–	P-62.2.3
azanylidene = imino*	HN=	P-35.2.1;;P-62.3.1.2
azanylidyne* (not nitrilo)	N≡	P-35.2.2
azanylylidene* (not nitrilo)	–N=	P-35.2.2; P-62.3.1.2
azido*	N_3–	P-61.7
azino: see hydrazinediylidene*		

azinoyl* = dihydronitroryl (not azinyl)	$H_2N(O)$–	P-67.1.4.1.1.2; P-67.1.4.1.2
azinyl: see azinoyl*		
azo = diazenediyl*	–N=N–	P-32.1.1; P-68.3.1.3.2.1; P-68.3.1.3.2.2
azonato*	($^{-}O_2$–N(O)–	P-72.6.1
azono* = dihydroxynitroryl	$(HO)_2N(O)$–	P-67.1.4.1.1.1; P-67.1.4.1.1.5
azonothioyl* = thioazonoyl	HN(S)<	P-67.1.4.1.1.4
azonoyl* = hydronitroryl	HN(O)<	P-67.1.4.1.1.2; P-67.1.4.1.2
azoryl: see nitroryl*		
NNO-azoxy	–N=N(O)–	P-68.3.1.3.3.1
NON-azoxy	–N(O)=N– or –N=N(O)–	P-68.3.1.3.3.1
ONN-azoxy	–N(O)=N–	P-68.3.1.3.3.1
benzal: see benzylidene*		
benzamido* = benzoylamino	C_6H_5-CO-NH–	P-66.1.1.4.3
benzenecarbohydroximoyl = *N*-hydroxybenzenecarboximidoyl* = *N*-hydroxybenzimidoyl = benzhydroximoyl	C_6H_5-C(=N-OH)–	P-65.1.7.2.2
benzenecarbonyl = benzoyl*= oxo(phenyl)methyl = phenylcarbonyl	C_6H_5-CO–	P-34.2.1.1; P-34.2.2; P-65.1.7.2.1
benzenecarbothioamido* = (benzenecarbothioyl)amino = thiobenzamido	C_6H_5-CS-NH–	P-66.1.4.4
benzenecarbothioyl* = thiobenzoyl = phenyl(sulfanylidene)methyl = phenyl(thioxo)methyl	C_6H_5-CS–	P-65.1.7.2.3
(benzenecarbothioyl)amino = benzenecarbothioamido* = thiobenzamido	C_6H_5-CS-NH–	P-66.1.4.4
benzenecarboximidohydrazido* = 2-(benzenecarboximidoyl)hydrazin-1-yl	C_6H_5-C(=NH)-NH-NH–	P-66.4.2.3.6
benzenecarboximidoyl* = benzimidoyl = imino(phenyl)methyl	C_6H_5-C(=NH)–	P-65.1.7.2.2
2-(benzenecarboximidoyl)hydrazin-1-yl = benzenecarboximidohydrazido*	C_6H_5-C(=NH)-NH-NH–	P-66.4.2.3.6
benzene-1,2-dicarbonyl* = phthaloyl = 1,2-phenylenedicarbonyl = 1,2-phenylenebis(oxomethylene)		P-65.1.7.3.1; P-65.1.7.4.2
benzene-1,3-dicarbonyl* = isophthaloyl = 1,3-phenylenedicarbonyl = 1,3-phenylenebis(oxomethylene)		P-65.1.7.3.1; P-65.1.7.4.2
benzene-1,4-dicarbonyl* = terephthaloyl = 1,4-phenylenedicarbonyl = 1,4-phenylenebis(oxomethylene)		P-65.1.7.3.1; P-65.1.7.4.2

benzene-1,2-dicarbothioyl* = 1,2-phenylenebis(sufanylidenemethylene) = 1,2-phenylenebis(thioxomethylene) (not dithiophthaloyl) (also 1,3- and 1,4-isomers)		P-65.1.7.3.1; P-65.1.7.4.3
benzene-1,4-dicarboximidoyl* = terephthalimidoyl = 1,4-phenylenebis(iminomethylene) = 1,4-phenylenedicarbonimidoyl (also phthalimidoyl = 1,2-isomer; and isophthalimidoyl = 1,3-isomer)		P-65.1.7.3.2
benzene-1,2-diyl: see 1,2-phenylene* (also 1,3- and 1,4-isomers)		
benzeneselenonyl* = phenylselenonyl	C_6H_5-SeO_2–	P-65.3.2.2.2
benzenesulfinamido* = (benzenesulfinyl)amino = (phenylsulfinyl)amino	C_6H_5-S(O)-NH–	P-66.1.1.4.3
benzenesulfinohydrazonamido* = (benzenesulfinohydrazonoyl)amino	C_6H_5-S(=N-NH_2)-NH–	P-66.4.2.3.5
(benzenesulfinohydrazonoyl)amino = benzenesulfinohydrazonamido*	C_6H_5-S(=N-NH_2)-NH–	P-66.4.2.3.5
benzenesulfinoselenoyl* = phenylsulfinoselenoyl	C_6H_5-S(Se)–	P-65.3.2.2.2
benzenesulfinyl* = phenylsulfinyl	C_6H_5-S(O)–	P-63.6; P-65.3.2.2.2
(benzenesulfinyl)amino = benzenesulfinamido* = (phenylsulfinyl)amino	C_6H_5-S(O)-NH–	P-66.1.1.4.3
benzenesulfonamido* = (benzenesulfonyl)amino = (phenylsulfonyl)amino	C_6H_5-SO_2-NH–	P-66.1.1.4.3
benzenesulfonyl* = phenylsulfonyl	C_6H_5-SO_2–	P-63.6; P-65.3.2.2.2
(benzenesulfonyl)amino = benzenesulfonamido* = (phenylsulfonyl)amino	C_6H_5-SO_2-NH–	P-66.1.1.4.3
benzhydryl: see diphenylmethyl*		
benzidino = (4′-amino[1,1′-biphenyl]-4-yl)amino*		P-62.2.4.1.1
benzimidoyl = benzenecarboximidoyl* = imino(phenyl)methyl	C_6H_5-C(=NH)–	P-65.1.7.2.2
benzohydrazido* = 2-benzoylhydrazin-1-yl	C_6H_5-CO-NH-NH–	P-66.3.2.3
benzohydroximoyl = *N*-hydroxybenzenecarboximidoyl* = *N*-hydroxybenzimidoyl = benzenecarbohydroximoyl	C_6H_5-C(=N-OH)–	P-65.1.7.2.2
benzoyl* = benzenecarbonyl = oxo(phenyl)methyl = phenylcarbonyl	C_6H_5-CO–	P-34.2.1.1; P-34.2.2; P-65.1.7.2.1
benzoylamino = benzamido*	C_6H_5-CO-NH–	P-66.1.1.4.3
benzoylazanediyl*	C_6H_5-CO-N<	P-66.1.1.4.4
benzoylazanylidene = benzoylimino*	C_6H_5-CO-N=	P-66.1.1.4.4
2-benzoylhydrazin-1-yl = benzohydrazido*	C_6H_5-CO-NH-NH–	P-66.3.2.3
benzoylimino* = benzoylazanylidene	C_6H_5-CO-N=	P-66.1.1.4.4
benzoyloxy* = (phenylcarbonyl)oxy	C_6H_5-CO-O–	P-65.6.3.2.3
benzyl* = phenylmethyl	C_6H_5-CH_2–	P-29.6.1; P-29.6.2.1
benzylidene* = phenylmethylidene (not benzal)	C_6H_5-CH=	P-29.6.1; P-29.6.2.1

benzylidyne* = phenylmethylidyne	C_6H_5-C≡	P-29.6.1; P-29.6.2.1
benzyloxy* = phenylmethoxy	C_6H_5-CH_2-O–	P-63.2.2.1.1
[1,1′-biphenyl]-4-yl* (not 4-phenylphenyl)		P-29.3.5
bis(acetyloxy)-λ^3-iodanyl* (not diacetoxyiodo)	(CH_3-CO-O)$_2$I–	P-68.5.1
bismuthaniumyl* = bismuthonio = bismuthoniumyl	H_3Bi^+–	P-73.6
bismuthanyl* = bismuthino	H_2Bi–	P-29.3.1; P-68.3.3
λ^5-bismuthanylidene* = bismuthoranylidene	H_3Bi=	P-68.3.3
bismuthino = bismuthanyl*	H_2Bi–	P-29.3.1; P-68.3.3
bismuthonio = bismuthaniumyl* = bismuthoniumyl	H_3Bi^+–	P-73.6
bismuthoniumyl = bismuthaniumyl* = bismuthonio	H_3Bi^+–	P-73.6
bismuthoranylidene = λ^5-bismuthanylidene*	H_3Bi=	P-68.3.3
bis(selanyl)boranyl = diselenoborono*	(HSe)$_2$B–	P-68.1.4.2
bis(silylamino)silyl* (not trisilazan-3-yl)	SiH_3-NH·SiH(–)-NH-SiH_3	P-29.3.2.2
1,4-bis(sulfanylidene)butane-1,4-diyl = butanebis(thioyl)* = 1,4-dithioxobutane-1,4-diyl (not dithiosuccinyl)	–CS-CH_2-CH_2-CS–	P-65.1.7.4.1; P-65.1.7.4.3
bis(sulfanylidene)ethanediyl = dithiooxalyl = ethanebis(thioyl)*	–CS-CS–	P-65.1.7.2.3
bis(sulfanyl)phosphoryl*	(HS)$_2$P(O)–	P-67.1.4.1.1.5
boranediyl* (not borylene; not borylidene; not boranylidene)	HB<	P-68.1.2
boranetriyl* (not borylidyne)	–B<	P-68.1.2
boranuidyl*	H_3B^-–	P-72.6.3
boranyl* (not boryl)	H_2B–	P-29.3.1; P-67.1.4.2; P-68.1.2
(boranylamino)boranyl* (not diborazan-1-yl)	H_2B-NH-BH–	P-68.1.2
boranylidene* (not borylidene)	HB=	P-29.3.1; P-67.1.4.2; P-68.1.2
boranylidyne* (not borylidyne)	B≡	P-29.3.1; P-67.1.4.2
borodiamidoyl: see diaminoboranyl*		
borono* = dihydroxyboranyl	(HO)$_2$B–	P-67.1.4.2; P-68.1.4.2
boryl: see boranyl*		
borylene: see boranediyl*		
borylidene: see boranylidene*		
borylidyne: see boranylidyne*		

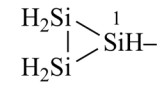
bromo*	Br–	P-61.3.1
bromocarbonothioyl = carbonobromidothioyl*	Br-CS–	P-65.2.1.5
bromosyl*	BrO–	P-61.3.2.3
bromyl*	BrO_2–	P-61.3.2.3
butanamido* = butanoylamino = butyramido = butyrylamino	CH_3-$[CH_2]_2$-CO-NH–	P-66.1.1.4.3
butanebis(thioyl)* = 1,4-bis(sulfanylidene)butane-1,4-diyl = 1,4-dithioxobutane-1,4-diyl (not dithiosuccinyl)	–CS-CH_2-CH_2-CS–	P-65.1.7.4.1; P-65.1.7.4.3
butanediimidoyl* = succinimidoyl = 1,4-diiminobutane-1,4-diyl	–C(=NH)-CH_2-CH_2-C(=NH)–	P-65.1.7.3.2
butanedioyl* = succinyl = 1,4-dioxobutane-1,4-diyl	–CO-CH_2-CH_2-CO–	P-65.1.7.3.1; P-65.1.7.4.1
butane-1,1-diyl*	CH_3-CH_2-CH_2-CH<	P-29.3.2.2
butane-1,4-diyl* (not tetramethylene)	–CH_2-CH_2-CH_2-CH_2–	P-29.3.2.2
butanethioyl* = thiobutyryl = 1-sulfanylidenebutyl = 1-thioxobutyl	CH_3-CH_2-CH_2-CS–	P-65.1.7.4.1
butanimidoyl* = butyrimidoyl = 1-iminobutyl	CH_3-CH_2-CH_2-C(=NH)–	P-65.1.7.3.2; P-65.1.7.4.1
butanoyl* = butyryl = 1-oxobutyl	CH_3-CH_2-CH_2-CO–	P-65.1.7.3.1; P-65.1.7.4.1
butanoylamino = butanamido* = butyramido = butyrylamino	CH_3-CH_2-CH_2-CO-NH–	P-66.1.1.4.3
butan-1-yl = butyl*	CH_3-CH_2-CH_2-CH_2–	P-29.3.2.1; P-29.3.2.2
butan-2-yl* = 1-methylpropyl (not *sec*-butyl; not but-2-yl)	CH_3-CH_2-CH(CH_3)–	P-29.3.2.2; P-29.4.1; P-29.6.3
butan-1-ylidene = butylidene*	CH_3-CH_2-CH_2-CH=	P-29.3.2.1; P-29.3.2.2
butan-2-ylidene* = 1-methylpropylidene (not *sec*-butylidene)	CH_3-CH_2-C(CH_3)=	P-29.3.2.2; P-29.4.1; P-29.6.3
butanylidyne = butylidyne*	CH_3-CH_2-CH_2-C≡	P-29.3.2.1; P-29.3.2.2
(butan-2-yl)oxy* = 1-methylpropoxy (not *sec*-butoxy; not *sec*-butyloxy)	CH_3-CH_2-CH(CH_3)-O–	P-63.2.2.2
butan-2-yl-3-ylidene*		P-29.3.2.2
butan-3-yl-1-ylidene*		P-29.3.2.2
(2*E*)-but-2-enedioyl* = fumaroyl = (2*E*)-1,4-dioxobut-2-ene-1,4-diyl		P-65.1.7.3.1; P-65.1.7.4.1
(2*Z*)-but-2-enedioyl* = maleoyl = (2*Z*)-1,4-dioxobut-2-ene-1,4-diyl		P-65.1.7.3.1; P-65.1.7.4.1

but-2-ene-1,4-diyl*		P-32.1.1
but-2-enoyl* (not crotonyl)	CH_3-CH=CH-CO–	P-65.1.7.4
but-1-enyl: see but-1-en-1-yl*		
but-1-en-1-yl* (not but-1-enyl)	CH_3-CH_2-CH=CH–	P-32.1.1
but-2-enyl: see but-2-en-1-yl*		
but-2-en-1-yl* (not but-2-enyl)	CH_3-CH=CH-CH_2–	P-32.1.1
but-3-en-2-yl* = 1-methylprop-2-en-1-yl		P-32.1.1
butoxy* (not butyloxy)		P-63.2.2.2
sec-butoxy: see (butan-2-yl)oxy*		
tert-butoxy* (unsubstituted) = (2-methylpropan-2-yl)oxy = 1,1-dimethylethoxy (not *tert*-butyloxy)	$(CH_3)_3$C-O–	P-63.2.2.2
butyl* = butan-1-yl	CH_3-CH_2-CH_2-CH_2–	P-29.3.2.1; P-29.3.2.2
but-2-yl: see butan-2-yl*		
sec-butyl: see butan-2-yl*		
tert-butyl* (unsubstituted) = 2-methylpropan-2-yl = 1,1-dimethylethyl	$(CH_3)_3$C–	P-29.4.1; P-29.6.1
butylidene* = butan-1-ylidene	CH_3-CH_2-CH_2-CH=	P-29.3.2.1; P-29.3.2.2
sec-butylidene: see butan-2-ylidene*		
butylidyne* = butanylidyne	CH_3-CH_2-CH_2-C≡	P-29.3.2.1; P-29.3.2.2
butyloxy: see butoxy*		
sec-butyloxy: see (butan-2-yl)oxy*		
tert-butyloxy: see *tert*-butoxy* (unsubstituted)		
butyramido = butanamido* = butyrylamino = butanoylamino	CH_3-$[CH_2]_2$-CO-NH–	P-66.1.1.4.3
butyrimidoyl = butanimidoyl* = 1-iminobutyl	CH_3-CH_2-CH_2-C(=NH)–	P-65.1.7.3.2; P-65.1.7.4.1
butyryl = butanoyl* = 1-oxobutyl	CH_3-CH_2-CH_2-CO–	P-65.1.7.3.1; P-65.1.7.4.1
butyrylamino = butanamido* = butanoylamino = butyramido	CH_3-CH_2-CH_2-CO-NH–	P-66.1.1.4.3
carbamimidamido = carbamimidoylamino* = [amino(imino)methyl]amino = guanidino	H_2N-C(=NH)-NH–	P-66.4.1.2.1.3
carbamimidoyl* = *C*-aminocarbonimidoyl = amino(imino)methyl (not amidino)	H_2N-C(=NH)–	P-65.2.1.5; P-66.4.1.3.1
carbamimidoylamino* = carbamimidamido = [amino(imino)methyl]amino = guanidino	H_2N-C(=NH)-NH–	P-66.4.1.2.1.3
carbamohydrazonoyl* = amino(hydrazinylidene)methyl	H_2N-C(=N-NH_2)–	P-66.4.2.3.2
carbamothioyl* = aminocarbonothioyl = amino(sulfanylidene)methyl (not thiocarbamoyl)	H_2N-CS–	P-65.2.1.5; P-66.1.4.4
carbamothioylamino* = [amino(sulfanylidene)methyl]amino	H_2N-CS-NH–	P-66.1.6.1.3.3

carbamoyl* = aminocarbonyl	H_2N-CO–	P-65.2.1.5; P-66.1.1.4.1.1
carbamoylamino* = (aminocarbonyl)amino (not ureido)	H_2N-CO-NH–	P-66.1.6.1.1.3
carbamoylcarbamoyl* = [(aminocarbonyl)amino]carbonyl	H_2N-CO-NH-CO–	P-66.1.6.1.1.4
carbamoylcarbonyl: see oxamoyl*		
carbamoylformamido: see oxamoylamino*		
carbamoylformyl: see oxamoyl*		
2-carbamoylhydrazin-1-yl* = 2-(aminocarbonyl)hydrazin-1-yl = semicarbazido	H_2N-CO-NH-NH–	P-68.3.1.2.4
carbamoylhydrazinylidene* = semicarbazono	H_2N-CO-NH-N=	P-68.3.1.2.5
carbazimidoyl: see hydrazinecarboximidoyl*		
carbazono: see diazenecarbohydrazido*		
carbazoyl: see hydrazinecarbonyl*		
carboethoxy: see ethoxycarbonyl*		
carbomethoxy: see methoxycarbonyl*		
carbonimidoyl*	–C(=NH)–	P-65.2.1.5
carbonobromidothioyl* = bromocarbonothioyl	Br-CS–	P-65.2.1.5
carbonochloridimidoyl* = *C*-chlorocarbonimidoyl	Cl-C(=NH)–	P-65.2.1.5
carbonochloridoyl* = chlorocarbonyl (not chloroformyl)	Cl-CO–	P-65.2.1.5
carbonocyanidoyl* = cyanocarbonyl = carbononitridoylcarbonyl	NC-CO–	P-65.2.1.5
carbonohydrazidimidoyl = hydrazinecarboximidoyl* = hydrazinyl(imino)methyl = *C*-hydrazinylcarbonimidoyl (not *C*-hydrazinocarbonimidoyl)	H_2N-NH-C(=NH)–	P-66.4.2.3.1
carbonohydrazidoyl = hydrazinecarbonyl* = hydrazinylcarbonyl (not carbazoyl; not hydrazinocarbonyl)	H_2N-NH-CO–	P-66.3.2.1
carbonohydrazonoyl*	–C(=N-NH_2)–	P-65.2.1.5
carbononitridoyl = cyano*	NC–	P-65.2.2; P-66.5.1.1.4
carbononitridoylcarbonyl = carbonocyanidoyl* = cyanocarbonyl	NC-CO–	P-65.2.1.5
carbononitridoyl(disulfanyl) = cyanodisulfanyl* = carbononitridoyldithio (not thiocyanatosulfanyl)	NC-SS–	P-65.2.2
carbononitridoyldithio = cyanodisulfanyl* = carbononitridoyl(disulfanyl) (not thiocyanatosulfanyl)	NC-SS–	P-65.2.2
carbononitridoyloxy = cyanato*	NC-O–	P-65.2.2
carbononitridoylperoxy = cyanoperoxy*	NC-OO–	P-65.2.2
carbononitridoylselanyl = selenocyanato*	NC-Se–	P-65.2.2
carbononitridoylsulfanyl = thiocyanato* = carbononitridoylthio	NC-S–	P-65.2.2
carbononitridoyltellanyl = tellurocyanato*	NC-Te–	P-65.2.2

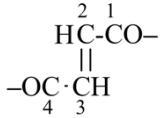
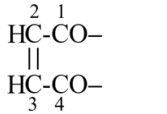
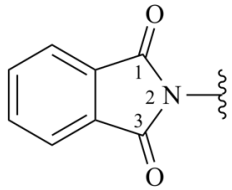
carbononitridoylthio = thiocyanato* = carbononitridoylsulfanyl	NC-S–	P-65.2.2
carbonoperoxoyl* = (hydroperoxy)carbonyl (not peroxycarboxy)	(HOO)-CO–	P-65.2.1.5
carbono(thioperoxoyl)* = (thiohydroperoxy)carbonyl	(HOS)-CO– or (HSO)-CO–	P-65.1.5.3; P-65.2.1.7
carbonothioyl* = thiocarbonyl	–CS–	P-65.2.1.5
carbonyl*	–CO–	P-65.2.1.5
carbonylbis(azanediyl)* (not ureylene)	–NH-CO-NH–	P-66.1.6.1.1.3
carboxy*	HOOC–	P-65.1.2.2.3; P-65.2.1.6
carboxyamino*	HOOC-NH–	P-65.2.1.6
carboxycarbonothioyl = carboxymethanethioyl*	HOOC-CS–	P-65.1.7.2.4; P-65.2.1.5
(carboxycarbonothioyl)sulfanyl = (carboxymethanethioyl)sulfanyl*	HOOC-CS-S–	P-65.1.7.2.4; P-65.2.1.5
carboxycarbonyl = oxalo* [not carboxyformyl; not hydroxyl(oxo)acetyl]	HOOC-CO–	P-65.1.2.2.3;P-65.1.7.2.1
(carboxycarbonyl)amino = oxaloamino*	HOOC-CO-NH–	P-65.1.7.2.4
(carboxycarbonyl)oxy = oxalooxy* [not (carboxyformyl)oxy]	HOOC-CO-O–	P-65.1.7.2.4
(carboxycarbonyl)sulfanyl = oxalosulfanyl* = (carboxycarbonyl)thio [not (carboxyformyl)sulfanyl; not (carboxyfomyl)thio]	HOOC-CO-S–	P-65.1.7.2.4
(carboxycarbonyl)thio = oxalosulfanyl* = (carboxycarbonyl)sulfanyl [not (carboxyformyl)sulfanyl; not (carboxyfomyl)thio]	HOOC-CO-S–	P-65.1.7.2.4
carboxyformyl: see oxalo*		
(carboxyformyl)oxy: see oxalooxy*		
(carboxyformyl)sulfanyl: see oxalosulfanyl*		
(carboxyformyl)thio: see oxalosulfanyl*		
carboxylato*	$^{-}$O-CO–	P-72.6.1
carboxymethanethioyl* = carboxycarbonothioyl	HOOC-CS–	P-65.1.7.2.4; P-65.2.1.5
(carboxymethanethioyl)sulfanyl* = (carboxycarbonothioyl)sulfanyl	HOOC-CS-S–	P-65.1.7.2.4; P-65.2.1.5
3-carboxy-3-oxopropyl (not 2-oxaloethyl)	HOOC-CO-CH_2-CH_2–	P-65.1.2.2.3
carboxyoxy*	HOOC-O–	P-65.2.1.6
(carboxyoxy)carbonyl* [not (carboxyoxy)formyl]	HOOC-O-CO–	P-65.2.3.1.5
(carboxyoxy)formyl: see (carboxyoxy)carbonyl*		
carboxysulfanyl* = carboxythio	HOOC-S–	P-65.2.1.6
carboxythio = carboxysulfanyl*	HOOC-S–	P-65.2.1.6
chloro*	Cl–	P-61.3.1
chloroamidophosphoryl: see phosphoramidochloridoyl*		
chloroarsanyl*	ClAsH–	P-67.1.4.1.1.6
chloroboranyl* (not chloroboryl)	ClBH–	P-68.1.4.2

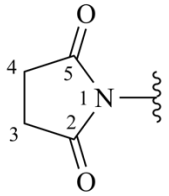
chloroboryl: see chloroboranyl*		
C-chlorocarbonimidoyl = carbonochloridimidoyl*	Cl-C(=NH)–	P-65.2.1.5
chlorocarbonyl = carbonochloridoyl* (not chloroformyl)	Cl-CO–	P-65.2.1.5
chloroformyl: see carbonochloridoyl*		
chlorooxalyl = chloro(oxo)acetyl*	ClCO-CO–	P-65.1.7.2.4
chloro(oxo)acetyl* = chlorooxalyl	ClCO-CO–	P-65.1.7.2.4
chloroso: see chlorosyl*		
chlorosulfinyl*	Cl-S(O)–	P-65.3.2.3; P-67.1.4.4.1
chlorosulfonyl* = sulfurochloridoyl	Cl-SO_2–	P-65.3.2.3; P-67.1.4.4.1
(chlorosulfonyl)oxy* = sulfurochloridoyloxy	Cl-SO_2-O–	P-65.3.2.3; P-67.1.4.4.2
chlorosyl* (not chloroso)	OCl–	P-61.3.2.3
chloroxy: see chloryl*		
chloryl* (not chloroxy)	O_2Cl–	P-61.3.2.3
cinnamoyl = 3-phenylprop-2-enoyl*	C_6H_5-CH=CH-CO–	P-65.1.7.3.1; P-65.1.7.4.1
crotonyl: see but-2-enoyl*		
cyanato* = carbononitridoyloxy	NC-O–	P-65.2.2
cyano* = carbononitridoyl	NC–	P-65.2.2; P-66.5.1.1.4
cyanocarbonyl = carbonocyanidoyl* = carbononitridoylcarbonyl	NC-CO–	P-65.2.1.5
cyanodisulfanyl* = carbononitridoyl(disulfanyl) = carbononitridoyldithio (not thiocyanatosulfanyl)	NC-SS–	P-65.2.2
cyano(isocyanato)phosphorothioyl = phosphorocyanidoisocyanatidothioyl* = cyano(isocyanato)(thiophosphoryl)	(OCN)(NC)P(S)–	P-67.1.4.1.1.4
cyano(isocyanato)(thiophosphoryl) = phosphorocyanidoisocyanatidothioyl* = cyano(isocyanato)phosphorothioyl	(OCN)(NC)P(S)–	P-67.1.4.1.1.4
cyanoperoxy* = carbononitridoylperoxy	NC-OO–	P-65.2.2
cyanosulfonyl* = sulfurocyanidoyl	NC-SO_2–	P-67.1.4.4.1
cyclohexanecarbonyl* = cyclohexylcarbonyl = cyclohexyl(oxo)methyl	C_6H_{11}-CO–	P-65.1.7.4.2
cyclohexanecarboximidoyl* = cyclohexylcarbonimidoyl = cyclohexyl(imino)methyl (not *C*-cyclohexylcarbonimidoyl)	C_6H_{11}-C(=NH)–	P-65.1.7.4.2
cyclohexane-1,1-diyl* (not cyclohexanylidene)	C_6H_{10}<	P-29.3.3
cyclohexane-1,4-diyl* (also 1,1-, 1,2-, and 1,3- isomers) (not 1,4-cyclohexylene)	–C_6H_{10}–	P-29.3.3
cyclohexanyl = cyclohexyl*	C_6H_{11}–	P-29.2; P-29.3.3
cyclohexanylidene = cyclohexylidene* (see also: cyclohexane-1,1-diyl)	C_6H_{10}=	P-29.3.3
cyclohexyl* = cyclohexanyl	C_6H_{11}–	P-29.2; P-29.3.3

cyclohexylcarbonimidoyl = cyclohexanecarboximidoyl* = cyclohexyl(imino)methyl (not *C*-cyclohexylcarbonimidoyl)	C_6H_{11}-C(=NH)–	P-65.1.7.4.2
C-cyclohexylcarbonimidoyl: see cyclohexanecarboximidoyl*		
cyclohexylcarbonyl = cyclohexanecarbonyl*	C_6H_{11}-CO–	P-65.1.7.4.2
1,4-cyclohexylene: see cyclohexane-1,4-diyl* (also 1,1-, 1,2- and 1,3-isomers)		
cyclohexylidene* = cyclohexanylidene (see also: cyclohexane-1,1-diyl)	C_6H_{10}=	P-29.3.3
cyclohexyl(imino)methyl = cycohexanecarboximidoyl* = cyclohexylcarbonimidoyl (not *C*-cyclohexylcarbonimidoyl)	C_6H_{11}-C(=NH)–	P-65.1.7.4.2
cyclohexyl(oxo)methyl = cyclohexanecarbonyl* = cyclohexylcarbonyl	C_6H_{11}-CO–	P-65.1.7.4.2
cyclopentanecarbohydrazonoyl* = cycopentyl(hydrazinylidene)methyl	C_5H_9-C(=N-NH_2)–	P-65.1.7.4.2
cyclopentanecarboximidoyl* = cyclopentyl(imino)methyl = cyclopentylcarbonimidoyl (not *C*-cyclopentylcarbonimidoyl)	C_5H_9-C(=NH)–	P-65.1.7.4.2
cyclopentylcarbonimidoyl = cyclopentanecarboximidoyl* = cyclopentyl(imino)methyl (not *C*-cyclopentylcarbonimidoyl)	C_5H_9-C(=NH)–	P-65.1.7.4.2
C-cyclopentylcarbonimidoyl: see cyclopentanecarboximidoyl*		
cyclopentyl(hydrazinylidene)methyl = cyclopentanecarbohydrazonoyl*	C_5H_9-C(=N-NH_2)–	P-65.1.7.4.2
cyclopentyl(imino)methyl = cyclopentanecarboximidoyl*	C_5H_9-C(=NH)–	P-65.1.7.4.2
cyclopropanyl = cyclopropyl*	C_3H_5–	P-29.3.3
cyclopropanylidene = cyclopropylidene*	C_3H_4=	P-29.3.3
cyclopropyl* = cyclopropanyl	C_3H_5–	P-29.3.3
cyclopropylidene* = cyclopropanylidene	C_3H_4=	P-29.3.3
cyclotrisilanyl = trisiliranyl*		P-68.2.2
decanedioyl* = 1,10-dioxodecane-1,10-diyl	–CO-$[CH_2]_8$-CO–	P-65.1.7.4.1
decanoyl* = 1-oxodecyl	CH_3-$[CH_2]_8$-CO–	P-65.1.7.4.1
decan-1-yl = decyl*	CH_3-$[CH_2]_8$-CH_2–	P-29.3.2.1; P-29.3.2.2
decan-1-ylidene = decylidene*	CH_3-$[CH_2]_8$-CH=	P-29.3.2.1; P-29.3.2.2
decanylidyne = decylidyne*	CH_3-$[CH_2]_8$-C≡	P-29.3.2.1; P-29.3.2.2
decyl* = decan-1-yl	CH_3-$[CH_2]_8$-CH_2–	P-29.3.2.1; P-29.3.2.2
decylidene* = decan-1-ylidene	CH_3-$[CH_2]_8$-CH=	P-29.3.2.1; P-29.3.2.2
decylidyne* = decanylidyne	CH_3-$[CH_2]_8$-C≡	P-29.3.2.1; P-29.3.2.2
diacetamido: see *N*-acetylacetamido*		
diacetoxyiodo: see bis(acetyloxy)-λ^3-iodanyl*		
diacetylamino = *N*-acetylacetamido* (not diacetylazanyl; not diacetamido)	$(CH_3\text{-}CO)_2N$–	P-66.1.2.1

diacetylazanyl: see *N*-acetylacetamido*		
diaminoboranyl* (not borodiamidoyl)	$(H_2N)_2B–$	P-67.1.4.2
(diaminomethylidene)amino*	$(H_2N)_2C=N–$	P-66.4.1.2.1.3
diaminophosphanyl*	$(NH_2)_2P–$	P-67.1.4.1.1.6
diarsanyl*	$H_2As\text{-}AsH–$	P-29.3.2.2
diazane-1,2-diyl = hydrazine-1,2-diyl* (not hydrazo)	–HN-NH–	P-29.3.2.2; P-68.3.1.2.1
diazanediylidene = hydrazinediylidene* (not azino)	=N-N=	P-29.3.2.2; P-68.3.1.2.1
diazanyl = hydrazinyl* (not hydrazino)	$H_2N\text{-}NH–$	P-29.3.2.2; P-68.3.1.2.1
diazanylidene = hydrazinylidene* (not hydrazono)	$H_2N\text{-}N=$	P-29.3.2.2; P-68.3.1.2.1
diazanylidenemethylidene = hydrazinylidenemethylidene* (not hydrazonomethylidene)	$H_2N\text{-}N=C=$	P-65.2.1.8
diazenecarbohydrazido* = 2-(diazenecarbonyl)hydrazin-1-yl (not carbazono)	HN=N-CO-NH-NH–	P-68.3.1.3.4
(diazenecarbonyl)diazenyl*	HN=N-CO-N=N–	P-68.3.1.3.6
2-(diazenecarbonyl)hydrazin-1-yl = diazenecarbohydrazido* (not carbazono)	HN=N-CO-NH-NH–	P-68.3.1.3.4
diazenediyl* = azo	–N=N–	P-32.1.1; P-68.3.1.3.2.1; P-68.3.1.3.2.2
diazenyl*	HN=N–	P-32.1.1; P-68.3.1.3.2.2
diazenyl(hydrazinylidene)methyl = formazan-3-yl*	$\overset{1}{\mathrm{H}}\mathrm{N}=\overset{2}{\mathrm{N}}\text{-}\overset{3}{\mathrm{C}}(=\overset{4}{\mathrm{N}}\text{-}\overset{5}{\mathrm{N}}\mathrm{H}_2)–$	P-34.2.1.3; P-68.3.1.3.5.2
(diazenylmethylidene)hydrazinyl = formazan-5-yl*	$\overset{1}{\mathrm{H}}\mathrm{N}=\overset{2}{\mathrm{N}}\text{-}\overset{3}{\mathrm{C}}\mathrm{H}=\overset{4}{\mathrm{N}}\text{-}\overset{5}{\mathrm{N}}\mathrm{H}–$	P-34.2.1.3; P-68.3.1.3.5.2
diazo*	$N_2–$	P-61.4
diazoamino: see triaz-1-ene-1,3-diyl*		
diazonio = diazyn-1-ium-1-yl*	$N\equiv N^+–$	P-73.6
diazyn-1-ium-1-yl* = diazonio	$N\equiv N^+–$	P-73.6
dibismuthane-1,2-diyl*	–BiH-BiH–	P-68.3.3
diborazan-1-yl: see (boranylamino)boranyl*		
diboroxanyl*	$H_2B\text{-}O\text{-}BH–$	P-68.1.2
dichloroboranyl* (not dichloroboryl)	$Cl_2B–$	P-67.1.4.2
dichloroboryl: see dichloroboranyl*		
dichloro-λ^3-iodanyl* (not dichloroiodo)	$Cl_2I–$	P-68.5.1
dichloroiodo: see dichloro-λ^3-iodanyl*		
dichlorophosphanyl* = dichlorophosphino	$Cl_2P–$	P-67.1.4.1.1.6; P-68.3.2.3.2.2
dichlorophosphino = dichlorophosphanyl*	$Cl_2P–$	P-67.1.4.1.1.6; P-68.3.2.3.2.2
dichlorophosphoryl = phosphorodichloridoyl*	$Cl_2P(O)–$	P-67.1.4.1.1.4
dihydroarsoryl = arsinoyl* (not arsinyl)	$H_2As(O)–$	P-67.1.4.1.1.2; P-67.1.4.1.2

dihydronitroryl = azinoyl* (not azinyl)	$H_2N(O)$–	P-67.1.4.1.1.2; P-67.1.4.1.2
dihydrophosphorimidoyl = phosphinimidoyl* = imidophosphinoyl	$H_2P(=NH)$–	P-67.1.4.1.1.4; P-67.1.4.1.2
dihydrophosphorothioyl = phosphinothioyl* = thiophosphinoyl	$H_2P(S)$–	P-67.1.4.1.1.4; P-67.1.4.1.2
dihydrophosphoryl = phosphinoyl* (not phosphinyl)	$H_2P(O)$–	P-67.1.4.1.1.2; P-67.1.4.1.2
dihydrostiborimidoyl = stibinimidoyl* = imidostibinoyl	$H_2Sb(=NH)$–	P-67.1.4.1.1.4; P-67.1.4.1.2
dihydrostiborothioyl = stibinothioyl*	$H_2Sb(S)$–	P-67.1.4.1.1.4; P-67.1.4.1.2
dihydrostiboryl = stibinoyl*	$H_2Sb(O)$–	P-67.1.4.1.1.2; P-67.1.4.1.2
dihydroxyarsoryl = arsono*	$(HO)_2As(O)$–	P-67.1.4.1.1.1
dihydroxyboranyl = borono*	$(HO)_2B$–	P-67.1.4.2; P-68.1.4.2
C,*N*-dihydroxycarbonimidoyl*	HO-C(=N-OH)–	P-65.1.3.3.2
dihydroxy-λ^3-iodanyl* (not dihydroxyiodo)	$(HO)_2I$–	P-68.5.1
dihydroxyiodo: see dihydroxy-λ^3-iodanyl*		
dihydroxynitroryl = azono*	$(HO)_2N(O)$–	P-67.1.4.1.1.1; P-67.1.4.1.1.5
dihydroxyphosphanyl* = dihydroxyphosphino	$(HO)_2P$–	P-67.1.4.1.1.6
dihydroxyphosphino = dihydroxyphosphanyl*	$(HO)_2P$–	P-67.1.4.1.1.6
dihydroxyphosphinothioyl: see dihydroxyphosphorothioyl*		
dihydroxyphosphorothioyl* (not dihydroxyphosphinothioyl)	$(HO)_2P(S)$–	P-67.1.4.1.1.5
dihydroxy(sulfanyl)silyl*	$(HS)(HO)_2Si$–	P-67.1.4.2
1,4-diiminobutane-1,4-diyl = butanediimidoyl* = succinimidoyl	–C(=NH)-CH_2-CH_2-C(=NH)–	P-65.1.7.3.2
diiminoethanediyl = ethanediimidoyl* = oxalimidoyl	–C(=NH)-C(=NH)–	P-65.1.7.2.2
1,3-diiminopropane-1,3-diyl = propanediimidoyl* = malonimidoyl	–C(=NH)-CH_2-C(=NH)–	P-65.1.7.4.1
dimethoxyphosphanyl*	$(CH_3\text{-}O)_2P$–	P-67.1.4.1.1.6
dimethoxyphosphoroselenoyl* = dimethoxy(selenophosphoryl)	$(CH_3\text{-}O)_2P(Se)$–	P-67.1.4.1.1.5
dimethoxyphosphoryl*	$(CH_3\text{-}O)_2P(O)$–	P-67.1.4.1.1.5
(dimethoxyphosphoryl)sulfanyl*	$(CH_3\text{-}O)_2P(O)$-S–	P-67.1.4.1.3
dimethoxy(selenophosphoryl) = dimethoxyphosphoroselenoyl*	$(CH_3\text{-}O)_2P(Se)$–	P-67.1.4.1.1.5
(dimethylamido)phosphoryl = *N*,*N*-dimethylphosphoramidoyl*	$(CH_3)_2N$-P(O)<	P-67.1.4.1.1.4
dimethylammoniumylidene: see *N*-methylmethanaminiumylidene*		
2,3-dimethylanilino* = (2,3-dimethylphenyl)amino (not 2,3-xylidino) (also 2,4-, 2,5-, 2,6-, 3,4-, and 3,5-isomers)	2,3-$(CH_3)_2C_6H_3$-NH–	P-62.2.1.1.2
dimethylazinoyl* (not dimethylnitroryl)	$(CH_3)_2N(O)$–	P-67.1.6
(dimethylboranyl)oxy*	$(CH_3)_2B$-O–	P-68.1.4.2
1,1-dimethylethoxy = (2-methylpropan-2-yl)oxy = *tert*-butoxy* (unsubstituted)	$(CH_3)_3C$-O–	P-63.2.2.2

1,1-dimethylethyl = *tert*-butyl* (unsubstituted) = 2-methylpropan-2-yl	$(CH_3)_3C–$	P-29.4.1; P-29.6.1
dimethylimmonio: see *N*-methylmethanaminiumylidene*		
dimethylnitroryl: see dimethylazinoyl*		
(2,3-dimethylphenyl)amino = 2,3-dimethylanilino* (not 2,3-xylidino) (also 2,4-, 2,5-, 2,6-, 3,4-, and 3,5-isomers)	$2,3\text{-}(CH_3)_2C_6H_3\text{-}NH–$	P-62.2.1.1.2
dimethylphosphinoselenoyl* = dimethyl(selenophosphinoyl)	$(CH_3)_2P(Se)–$	P-67.1.4.1.1.4
N,*N*-dimethylphosphoramidoyl* = (dimethylamido)phosphoryl	$(CH_3)_2N\text{-}P(O)<$	P-67.1.4.1.1.4
1,1-dimethylpropyl = 2-methylbutan-2-yl* (not *tert*-pentyl)	$CH_3\text{-}CH_2\text{-}C(CH_3)_2–$	P-29.6.3; P-57.1.4
2,2-dimethylpropyl* (not neopentyl)	$CH_3\text{-}C(CH_3)_2\text{-}CH_2–$	P-57.1.4
dimethyl(selenophosphinoyl) = dimethylphosphinoselenoyl*	$(CH_3)_2P(Se)–$	P-67.1.4.1.1.4
dioxo-λ^5-arsanyl* (not arso)	$O_2As–$	P-61.6
1,4-dioxobutane-1,4-diyl = butanedioyl* = succinyl	$–CO\text{-}CH_2\text{-}CH_2\text{-}CO–$	P-65.1.7.3.1; P-65.1.7.4.1
(2*E*)-1,4-dioxobut-2-ene-1,4-diyl = (2*E*)-but-2-enedioyl* = fumaroyl		P-65.1.7.3.1; P-65.1.7.4.1
(2*Z*)-1,4-dioxobut-2-ene-1,4-diyl = (2*Z*)-but-2-enedioyl* = maleoyl		P-65.1.7.3.1; P-65.1.7.4.1
1,10-dioxodecane-1,10-diyl = decanedioyl*	$–CO\text{-}[CH_2]_8\text{-}CO–$	P-65.1.7.4.1
1,3-dioxo-1,3-dihydro-2*H*-isoindol-2-yl* = phthalimido		P-66.2.2
dioxoethanediyl = oxalyl* = ethanedioyl	$–CO\text{-}CO–$	P-65.1.7.2.1
1,6-dioxohexane-1,6-diyl = hexanedioyl* = adipoyl	$–CO\text{-}[CH_2]_4\text{-}CO–$	P-65.1.7.3.1; P-65.1.7.4.1
1,5-dioxopentane-1,5-diyl = pentanedioyl* = glutaryl	$–CO\text{-}CH_2\text{-}CH_2\text{-}CH_2\text{-}CO–$	P-65.1.7.3.1; P-65.1.7.4.1
dioxo-λ^5-phosphanyl* (not phospho)	$O_2P–$	P-61.6; P-67.1.4.1.1.6
1,3-dioxopropane-1,3-diyl = propanedioyl* = malonyl	$–CO\text{-}CH_2\text{-}CO–$	P-65.1.7.3.1; P-65.1.7.4.1
1,2-dioxopropyl = 2-oxopropanoyl* (not pyruvoyl)	$CH_3\text{-}CO\text{-}CO–$	P-65.1.1.2.3; P-65.1.7.4.1

2,5-dioxopyrrolidin-1-yl* = succinimido		P-66.2.2
dioxy: see peroxy*		
diphenylmethyl* (not benzhydryl)	$(C_6H_5)_2CH–$	P-29.6.3
diphosphanyl* (not diphosphino)	$H_2P\text{-}PH–$	P-29.3.2.2; P-45.3.1; P-68.3.2.3.2.2
diphosphino: see diphosphanyl*		
diselanediyl* = diseleno	–Se-Se–	P-63.3.1
diselanyl* = diselenohydroperoxy	HSeSe–	P-63.4.2.2
diseleno = diselanediyl*	–Se-Se–	P-63.3.1
diselenoborono* = bis(selanyl)boranyl	$(HSe)_2B–$	P-68.1.4.2
diselenohydroperoxy = diselanyl*	HSeSe–	P-63.4.2.2
disilane-1,1-diyl*	$H_3Si\text{-}SiH<$	P-29.3.2.2; P-68.2.2
disilanyl* (disilyl)	$H_3Si\text{-}SiH_2–$	P-29.3.2.2; P-68.2.2
disilazan-1-yl: see (silylamino)silyl*		
disilazan-2-yl: see disilylamino*		
disiloxanyl*	$H_3Si\text{-}O\text{-}SiH_2–$	P-29.3.2.2; P-46.1.3
disilyl: see disilanyl*		
disilylamino* (not disilazan-2-yl)	$(SiH_3)_2N–$	P-29.3.2.2; P-68.2.2
disulfanediyl* = dithio	–S-S–	P-63.3.1
disulfanidyl*	$^{-}S\text{-}S–$	P-72.6.3
disulfanyl* = dithiohydroperoxy (not thiosulfeno)	HS-S–	P-63.4.2.2
(disulfanylcarbonyl)oxy* = [(dithiohydroperoxy)carbonyl]oxy	HS-S-CO-O–	P-65.2.1.7
ditellanediyl* = ditelluro	–Te-Te–	P-63.3.1
ditellanyl* = ditellurohydroperoxy	HTe-Te–	P-63.4.2.2
ditelluro = ditellanediyl*	–Te-Te–	P-63.3.1
ditellurohydroperoxy = ditellanyl*	HTe-Te–	P-63.4.2.2
dithio = disulfanediyl*	–S-S–	P-63.3.1
dithiocarbonoperoxoyl* (location of sulfur atoms unknown)	$HOS_2C–$	P-65.1.5.3
dithiocarboxy* = sulfanylcarbonothioyl	HS-CS–	P-65.2.1.6
[(dithiocarboxy)sulfanyl]carbonothioyl* = [sulfanyl(thiocarbonyl)sulfanyl](thiocarbonyl)	HS-CS-S-CS–	P-65.2.3.1.5

= [(sulfanylcarbonothioyl)sulfanyl]carbonothioyl {not [(dithiocarboxy)sulfanyl]thioformyl}

[(dithiocarboxy)sulfanyl]thioformyl: see [(dithiocarboxy)sulfanyl]carbonothioyl*

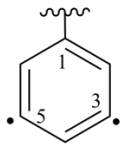
dithiohydroperoxy = disulfanyl* (not thiosulfeno)	HS-S–	P-63.4.2.2
[(dithiohydroperoxy)carbonyl]oxy = (disulfanylcarbonyl)oxy*	HS-S-CO-O–	P-65.2.1.7

1,2-dithiooxalo: see hydroxy(sulfanylidene)ethanethioyl*

dithiooxalyl = ethanebis(thioyl)* = bis(sulfanylidene)ethanediyl	–CS-CS–	P-65.1.7.2.3

dithiophthaloyl: see benzene-1,2-dicarbothioyl*

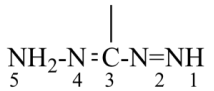
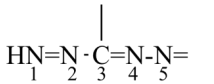
dithiosuccinyl: see butanebis(thioyl)*

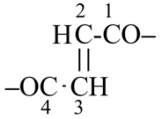
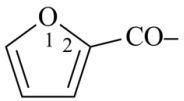
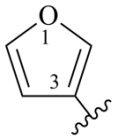
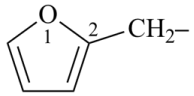
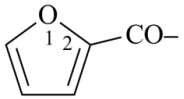
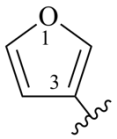
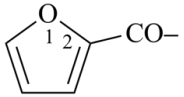
dithiosulfo* (unspecified)	HO-SS_2– or HS-S(=S)(=O)–	P-65.3.2.1
1,4-dithioxobutane-1,4-diyl = butanebis(thioyl)* = 1,4-bis(sulfanylidene)butane-1,4-diyl (not dithiosuccinyl)	–CS-CH_2-CH_2-CS–	P-65.1.7.4.1; P-65.1.7.4.3
1,1-diyloethyl*	CH_3-$C^{2\bullet}$–	P-71.5
3,5-diylophenyl*		P-71.5
dodecanoyl* = 1-oxododecyl	CH_3-$[CH_2]_{10}$-CO–	P-65.1.7.4.1
dodecan-1-yl = dodecyl*	CH_3-$[CH_2]_{10}$-CH_2–	P-29.3.2.1; P-29.3.2.2
dodecyl* = dodecan-1-yl	CH_3-$[CH_2]_{10}$-CH_2–	P-29.3.2.1; P-29.3.2.2
episeleno = selano* (ring forming)	–Se–	P-25.4.2.1.4; P-63.5
epitelluro = tellano* (ring forming)	–Te–	P-25.4.2.1.4; P-63.5
epithio = sulfano* (ring forming)	–S–	P-25.4.2.1.4; P-63.5

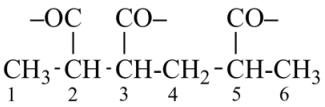
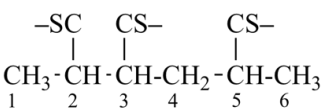
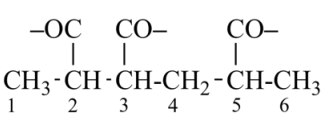
epoxidano: see epoxy* (ring forming)

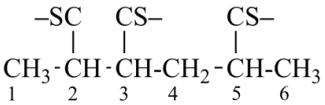
epoxy* (ring forming) (not epoxidano)	–O–	P-25.4.2.1.4; P-63.5
ethanebis(thioyl)* = dithiooxalyl = bis(sulfanylidene)ethanediyl	–CS-CS–	P-65.1.7.2.3
ethanediimidoyl* = oxalimidoyl = diiminoethanediyl	–C(=NH)-C(=NH)–	P-65.1.7.2.2
ethanedioyl = oxalyl* = dioxoethanediyl	–CO-CO–	P-65.1.7.2.1
ethanedioylbis(azanediyl) = oxalylbis(azanediyl)*	–HN-CO-CO-NH–	P-66.1.1.4.5.2
ethanedioylbis(azanetriyl) = oxalyldinitrilo* = oxalylbis(azanetriyl) = ethanedioyldinitrilo	>N-CO-CO-N<	P-66.1.1.4.5.2
ethanedioylbis(azanylylidene) = oxalylbis(azanylylidene)*	=N-CO-CO-N=	P-66.1.1.4.5.2
ethanedioyldinitrilo = oxalyldinitrilo* = oxalylbis(azanetriyl) = ethanedioylbis(azanetriyl)	>N-CO-CO-N<	P-66.1.1.4.5.2
ethane-1,1-diyl*	CH_3-CH<	P-29.3.2.2
ethane-1,2-diyl* = ethylene	–CH_2-CH_2–	P-29.3.2.2; P-29.6.2.3
ethane-1,2-diylbis(oxy)* = ethylenebis(oxy) (not ethane-1,2-diyldioxy, not ethylenedioxy)	–O-CH_2-CH_2-O–	P-63.2.2.1.3

ethane-1,2-diyldioxy: see ethane-1,2-diylbis(oxy)*		
ethanehydrazonamido* = (ethanehydrazonoyl)amino	CH_3-C(=N-NH_2)-NH–	P-66.4.2.3.5
ethanehydrazonoyl* = acetohydrazonoyl = 1-hydrazinylideneethyl	CH_3-C(=N-NH_2)–	P-65.1.7.2.2
(ethanehydrazonoyl)amino = ethanehydrazonamido*	CH_3-C(=N-NH_2)-NH–	P-66.4.2.3.5
ethaneselenoyl* = selenoacetyl = 1-selanylideneethyl	CH_3-CSe–	P-65.1.7.2.3
ethanesulfinimidoyl* = *S*-ethylsulfinimidoyl	CH_3-CH_2-S(=NH)–	P-65.3.2.2.2
ethanesulfinyl* = ethylsulfinyl	CH_3-CH_2-S(O)–	P-63.6; P-65.3.2.2.2
ethanesulfonimidoyl* = *S*-ethylsulfonimidoyl	CH_3-CH_2-S(O)(=NH)–	P-65.3.2.2.2
ethanesulfonodiimidamido* = ethanesulfonodiimidoylamino	CH_3-CH_2-S(=NH)$_2$-NH–	P-66.4.1.3.5
ethanesulfonodiimidoylamino = ethanesulfonodiimidamido*	CH_3-CH_2-S(=NH)$_2$-NH–	P-66.4.1.3.5
ethanesulfonothioyl* = ethylsulfonothioyl	CH_3-CH_2-S(O)(S)–	P-65.3.2.2.2
ethanesulfonyl* = ethylsulfonyl	CH_3-CH_2-SO_2–	P-63.6; P-65.3.2.2.2
ethanethioamido* = (ethanethioyl)amino = thioacetamido	CH_3-CS-NH–	P-66.1.4.4
ethanethioyl* = thioacetyl = 1-sulfanylideneethyl	CH_3-CS–	P-65.1.7.2.3
ethanethioamido* = (ethanethioyl)amino = thioacetamido	CH_3-CS-NH–	P-66.1.4.4
(ethanethioyl)amino = ethanethioamido* = thioacetamide	CH_3-CS-NH–	P-66.1.4.4
ethanimidamido* = acetimidamido = acetimidoylamino	CH_3-C(=NH)-NH–	P-66.4.1.3.5
ethanimidohydrazido* = 2-(ethanimidoyl)hydrazin-1-yl	CH_3-C(=NH)-NH-NH–	P-66.4.2.3.6
ethanimidoyl* = acetimidoyl = 1-iminoethyl	CH_3-C(=NH)–	P-65.1.7.2.2
2-(ethanimidoyl)hydrazin-1-yl = ethanimidohydrazido*	CH_3-C(=NH)-NH-NH–	P-66.4.2.3.6
ethanoyl = acetyl* = 1-oxoethyl	CH_3-CO–	P-65.1.7.2.1
ethanyl = ethyl*	CH_3-CH_2–	P-29.3.2.1; P-29.3.2.2
ethanylidene = ethylidene*	CH_3-CH=	P-29.3.2.1; P-29.3.2.2
ethanylidyne = ethylidyne*	CH_3-C≡	P-29.3.2.1; P-29.3.2.2
ethan-1-yl-2-ylidene*	–CH_2-CH=	P-29.3.2.2
ethene-1,2-diyl* (not vinylene)	–CH=CH–	P-32.1.1
ethenyl* = vinyl	CH_2=CH–	P-32.3
ethenylidene* = vinylidene	CH_2=C=	P-32.3
ethoxy* (not ethyloxy)	CH_3-CH_2-O–	P-63.2.2.2
2-ethoxyanilino* = (2-ethoxyphenyl)amino (also 3- and 4-isomers) (not *o*-, *m*-, or *p*-phenetidino)	2-(CH_3-CH_2-O)C_6H_4-NH–	P-62.2.1.1.2
ethoxycarbonyl* (not carboethoxy)	CH_3-CH_2-O-CO–	P-65.6.3.2.3
(2-ethoxyphenyl)amino = 2-ethoxyanilino* (also 3- and 4-isomers) (not *o*-, *.m*-, or *p*-phenetidino)	2-(CH_3-CH_2-O)C_6H_4-NH–	P-62.2.1.1.2

ethyl* = ethanyl	CH_3-CH_2–	P-29.3.2.1; P-29.3.2.2
ethylene = ethane-1,2-diyl*	–CH_2-CH_2–	P-29.6.2.3; P-29.3.2.2
ethylenebis(oxy) = ethane-1,2-diylbis(oxy)* (not ethylenedioxy; not ethane-1,2-diyldioxy)	–O-CH_2CH_2-O–	P-63.2.2.1.3
ethylenedioxy: see ethane-1,2-diylbis(oxy)*		
ethylidene* = ethanylidene	CH_3-CH=	P-29.3.2.1; P-29.3.2.2
ethylidyne* = ethanylidyne	CH_3-C≡	P-29.3.2.1; P-29.3.2.2
ethyloxy: see ethoxy*		
1-ethylpropylidene = pentan-3-ylidene*	$(CH_3$-$CH_2)_2$C=	P-29.3.2.2; P-29.4.1
ethylstibinoyl*	CH_3-CH_2-SbH(O)–	P-67.1.4.1.1.3
ethylsulfanyl* = ethylthio	CH_3-CH_2-S–	P-63.2.5
S-ethylsulfinimidoyl = ethanesulfinimidoyl*	CH_3-CH_2-S(=NH)–	P-65.3.2.2.2
ethylsulfinyl = ethanesulfinyl*	CH_3-CH_2-S(O)–	P-63.6; P-65.3.2.2.2
S-ethylsulfonimidoyl = ethanesulfonimidoyl*	CH_3-CH_2-S(O)(=NH)–	P-65.3.2.2.2
ethylsulfonothioyl = ethanesulfonothioyl*	CH_3-CH_2-S(O)(S)–	P-65.3.2.2.2
ethylsulfonyl = ethanesulfonyl*	CH_3-CH_2-SO_2–	P-63.6; P-65.3.2.2.2
ethylthio = ethylsulfanyl*	CH_3-CH_2-S–	P-63.2.5
fluoro*	F–	P-61.3.1
fluorosyl*	OF–	P-61.3.2.3
fluoryl*	O_2F–	P-61.3.2.3
formamido* = formylamino	HCO-NH–	P-66.1.1.4.3
formazan-1-yl* = (hydrazinylidenemethyl)diazenyl	$\overset{5}{N}H_2$-$\overset{4}{N}$=$\overset{3}{C}$H-$\overset{2}{N}$=$\overset{1}{N}$–	P-34.2.1.3; P-68.3.1.3.5.2
formazan-3-yl* = diazenyl(hydrazinylidene)methyl		P-34.2.1.3; P-68.3.1.3.5.2
formazan-5-yl* = (diazenylmethylidene)hydrazinyl	$\overset{1}{H}N$=$\overset{2}{N}$-$\overset{3}{C}$H=$\overset{4}{N}$-$\overset{5}{N}$H–	P-34.2.1.3; P-68.3.1.3.5.2
formazan-1-yl-5-ylidene*	–$\overset{1}{N}$=$\overset{2}{N}$-$\overset{3}{C}$H=$\overset{4}{N}$-$\overset{5}{N}$=	P-34.2.1.3; P-68.3.1.3.5.2
formazan-3-yl-5-ylidene*		P-34.2.1.3; P-68.3.1.3.5.2
formimidoyl = methanimidoyl* = iminomethyl	HC(=NH)–	P-65.1.7.2.2
formimidoylamino = methanimidamido* = (iminomethyl)amino	HC(=NH)-NH–	P-66.4.1.3.3
formohydrazido* = 2-formylhydrazin-1-yl	OHC-NH-NH–	P-66.3.5.3
formohydrazonoyl = methanehydrazonoyl* = hydrazinylidenemethyl	HC(=N-NH_2)–	P-65.1.7.2.2

formyl* = methanoyl = oxomethyl	HCO–	P-65.1.7.2.1; P-66.6.1.3
formylamino = formamido*	HCO-NH–	P-66.1.1.4.3
formylazanediyl*	HCO-N<	P-66.1.1.4.4
formylazanylidene = formylimino*	HCO-N=	P-66.1.1.4.4
2-formylhydrazin-1-yl = formohydrazido*	OHC-NH-NH–	P-66.3.5.3
formylimino* = formylazanylidene*	HCO-N=	P-66.1.1.4.4
formyloxy*	HCO-O–	P-65.1.8.3; P-65.6.3.2.3
formylsulfanyl*	HCO-S–	P-65.1.8.3
fulminato: see (λ^2-methylideneamino)oxy*		
fumaroyl = (2*E*)-but-2-enedioyl* = (2*E*)-1,4-dioxobut-2-ene-1,4-diyl		P-65.1.7.3.1; P-65.1.7.4.1
furan-2-carbonyl* = 2-furoyl = 2-furylcarbonyl (also 3-isomer)		P-65.1.7.3.1; P-65.1.7.4.2
furan-3-yl* = 3-furyl (also 2-isomer)		P-29.6.2.3; P-57.1.5.3
(furan-2-yl)methyl* (not furfuryl)		P-29.6.3
furfuryl (2-isomer only): see (furan-2-yl)methyl*		
2-furoyl = furan-2-carbonyl* = 2-furylcarbonyl (also 3-isomer)		P-65.1.7.3.1; P-65.1.7.4.2
3-furyl = furan-3-yl* (also 2-isomer)		P-29.6.2.3; P-57.1.5.3
2-furylcarbonyl = furan-2-carbonyl* = 2-furoyl (also 3-isomer)		P-65.1.7.3.1; P-65.1.7.4.2
gallanyl*	H_2Ga–	P-29.3.1; P-68.1.2
germanediyl* (not germylene)	H_2Ge<	P-68.2.2
germanediylidene*	=Ge=	P-68.2.2

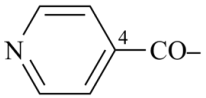
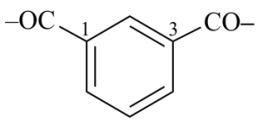
germanetetrayl*	>Ge<	P-68.2.2
germanetriyl*	–GeH<	P-68.2.2
germanyl = germyl*	H_3Ge–	P-29.3.1; P-68.2.2
germanylidene = germylidene*	H_2Ge=	P-29.3.1; P-68.2.2
germanylidyne = germylidyne*	HGe≡	P-29.3.1; P-68.2.2
germanylylidene*	–GeH=	P-68.2.2
germyl* = germanyl	H_3Ge–	P-29.3.1; P-68.2.2
germylene: see germanediyl		
germylidene* = germanylidene	H_2Ge=	P-29.3.1; P-68.2.2
germylidyne* = germanylidyne	HGe≡	P-29.3.1; P-68.2.2
glutaryl = pentanedioyl* = 1,5-dioxopentane-1,5-diyl	–CO-CH_2-CH_2-CH_2-CO–	P-65.1.1.2.2; P-65.1.7.3.1
guanidino = carbamimidoylamino* = carbamimidamido = [amino(imino)methyl]amino	H_2N-C(=NH)-NH–	P-66.4.1.2.1.3
heptanoyl* = 1-oxoheptyl	CH_3-$[CH_2]_5$-CO–	P-65.1.7.4.1
heptan-1-yl = heptyl*	CH_3-$[CH_2]_5$-CH_2–	P-29.3.2.1; P-29.3.2.2
heptan-1-ylidene = heptylidene*	CH_3-$[CH_2]_5$-CH=	P-29.3.2.1; P-29.3.2.2
heptanylidyne = heptylidyne*	CH_3-$[CH_2]_5$-C≡	P-29.3.2.1; P-29.3.2.2
heptyl* = heptan-1-yl	CH_3-$[CH_2]_5$-CH_2–	P-29.3.2.1; P-29.3.2.2
heptylidene* = heptan-1-ylidene	CH_3-$[CH_2]_5$ -CH=	P-29.3.2.1; P-29.3.2.2
heptylidyne* = heptanylidyne	CH_3-$[CH_2]_5$-C≡	P-29.3.2.1; P-29.3.2.2
hexadecanoyl* = palmitoyl = 1-oxohexadecyl	CH_3-$[CH_2]_{14}$-CO–	P-65.1.7.3.1
hexadecan-1-yl = hexadecyl*	CH_3-$[CH_2]_{14}$-CH_2–	P-29.3.2.1; P-29.3.2.2
hexadecyl* = hexadecan-1-yl	CH_3-$[CH_2]_{14}$-CH_2–	P-29.3.2.1; P-29.3.2.2
hexamethylene: see hexane-1,6-diyl*		
hexanedioyl* = adipoyl = 1,6-dioxohexane-1,6-diyl	–CO-$[CH_2]_4$-CO–	P-65.1.7.3.1; P-65.1.7.4.1
hexane-1,6-diyl* (not hexamethylene)	–CH_2-$[CH_2]_4$-CH_2–	P-29.3.2.2
hexane-2,3,5-tricarbonyl* = hexane-2,3,5-triyltris(oxomethylene) = hexane-2,3,5-triyltricarbonyl		P-65.1.7.4.2
hexane-2,3,5-tricarbothioyl* = hexane-2,3,5-triyltris(sulfanylidenemethylene) = hexane-2,3,5-triyltris(thioxomethylene)		P-65.1.7.4.2
hexane-2,3,5-triyltris(oxomethylene) = hexane-2,3,5-tricarbonyl* = hexane-2,3,5-triyltricarbonyl hexane-2,3,5-triyltricarbonyl = hexane-2,3,5-tricarbonyl* = hexane-2,3,5-triyltris(oxomethylene)		P-65.1.7.4.2

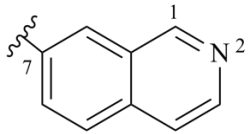
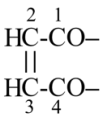
hexane-2,3,5-triyltris(thioxomethylene) = hexane-2,3,5-tricarbothioyl* = hexane-2,3,5-triyltris(sulfanylidenemethylene) hexane-2,3,5-triyltris(sulfanylidenemethylene) = hexane-2,3,5-tricarbothioyl* = hexane-2,3,5-triyltris(thioxomethylene)		P-65.1.7.4.2
hexanoyl* = 1-oxohexyl	CH_3-$[CH_2]_4$-CO–	P-65.1.7.4.1
hexan-1-yl = hexyl*	CH_3-$[CH_2]_5$–	P-29.3.2.1; P-29.3.2.2
hexan-1-ylidene = hexylidene*	CH_3-$[CH_2]_4$-CH=	P-29.3.2.1; P-29.3.2.2
hexanylidyne = hexylidyne*	CH_3-$[CH_2]_4$-C≡	P-29.3.2.1; P-29.3.2.2
hexyl* = hexan-1-yl	CH_3-$[CH_2]_5$–	P-29.3.2.1; P-29.3.2.2
hexylidene* = hexan-1-ylidene	CH_3-$[CH_2]_4$-CH=	P-29.3.2.1; P-29.3.2.2
hexylidyne* = hexanylidyne	CH_3-$[CH_2]_4$-C≡	P-29.3.2.2; P-29.3.2.1
hydrazi: (not to be used to form heterocycles)		
hydrazidimidophosphoryl = phosphorohydrazidimidoyl*	(H_2N-NH)-P(=NH)<	P-67.1.4.1.1.4
hydrazinecarbohydrazido* = 2-(hydrazinecarbonyl)hydrazin-1-yl = 2-(hydrazinylcarbonyl)hydrazin-1-yl	H_2N-NH-CO-NH-NH–	P-66.3.5.3; P-68.3.1.2.6
hydrazinecarbohydrazonoyl* = *C*-hydrazinylcarbonohydrazonoyl = hydrazinyl(hydrazinylidene)methyl	H_2N-NH-C(=N-NH_2)–	P-66.4.3.4.1
hydrazinecarbonyl* = hydrazinylcarbonyl = carbonohydrazidoyl (not carbazoyl; not hydrazinocarbonyl)	H_2N-NH-CO–	P-66.3.2.1
(hydrazinecarbonyl)diazenyl* = (hydrazinylcarbonyl)diazenyl	H_2N-NH-CO-N=N–	P-68.3.1.3.4
2-(hydrazinecarbonyl)hydrazin-1-yl* = hydrazinecarbohydrazido = 2-(hydrazinylcarbonyl)hydrazin-1-yl	H_2N-NH-CO-NH-NH–	P-66.3.5.3; P-68.3.1.2.6
(hydrazinecarbonyl)hydrazinylidene* = (hydrazinylcarbonyl)hydrazinylidene	H_2N-NH-CO-NH-N=	P-68.3.1.2.6
hydrazinecarboximidoyl* = hydrazinyl(imino)methyl = *C*-hydrazinylcarbonimidoyl = carbonohydrazidimidoyl (not carbazimidoyl; not *C*-hydrazinocarbonimidoyl)	H_2N-NH-CO(=NH)–	P-66.4.2.3.1
hydrazine-1,2-diyl* = diazane-1,2-diyl (not hydrazo)	–NH-NH–	P-29.3.2.2; P-68.3.1.2.1
hydrazinediylidene* = diazanediylidene (not azino)	=N-N=	P-29.3.2.2; P-68.3.1.2.1
hydrazinesulfinyl* = hydrazinylsulfinyl (not hydrazinosulfinyl)	H_2N-NH-S(O)–	P-66.3.2.1
hydrazinesulfonyl* = hydrazinylsulfonyl (not hydrazinosulfonyl)	H_2N-NH-SO_2–	P-66.3.2.1
hydrazino: see hydrazinyl*		
C-hydrazinocarbonimidoyl: see hydrazinecarboximidoyl*		
hydrazinocarbonyl: see hydrazinecarbonyl*		
hydrazinosulfinyl: see hydrazinesulfinyl*		
hydrazinosulfonyl: see hydrazinesulfonyl*		
hydrazinyl* = diazanyl (not hydrazino)	H_2N-NH–	P-29.3.2.2; P-68.3.1.2.1

C-hydrazinylcarbonimidoyl = hydrazinecarboximidoyl* = hydrazinyl(imino)methyl = carbonohydrazidimidoyl (not carbazimidoyl; not *C*-hydrazinocarbonimidoyl)	H_2N-NH-CO(=NH)–	P-66.4.2.3.1
C-hydrazinylcarbonohydrazonoyl = hydrazinecarbohydrazonoyl* = hydrazinyl(hydrazinylidene)methyl	H_2N-NH-C(=N-NH_2)–	P-66.4.3.4.1
hydrazinylcarbonyl = hydrazinecarbonyl* = carbonohydrazidoyl (not carbazoyl; not hydrazinocarbonyl)	H_2N-NH-CO–	P-66.3.2.1
(hydrazinylcarbonyl)diazenyl = (hydrazinecarbonyl)diazenyl*	H_2N-NH-CO-N=N–	P-68.3.1.3.4
2-(hydrazinylcarbonyl)hydrazin-1-yl = hydrazinecarbohydrazido* = 2-(hydrazinecarbonyl)hydrazin-1-yl	H_2N-NH-CO-NH-NH–	P-66.3.5.3; P-68.3.1.2.6
(hydrazinylcarbonyl)hydrazinylidene = (hydrazinecarbonyl)hydrazinylidene*	H_2N-NH-CO-NH-N=	P-68.3.1.2.6
hydrazinyl(hydrazinylidene)methyl = hydrazinecarbohydrazonoyl* = *C*-hydrazinylcarbonohydrazonoyl	H_2N-NH-C(=N-NH_2)–	P-66.4.3.4.1
hydrazinylidene* = diazanylidene (not hydrazono)	H_2N-N=	P-29.3.2.2; P-68.3.1.2.1
1-hydrazinylideneethyl = ethanehydrazonoyl* = acetohydrazonoyl	CH_3-C(=N-NH_2)–	P-65.1.7.2.2
hydrazinylidene(hydroxy)methyl = *C*-hydroxycarbonohydrazonoyl* [not hydrazono(hydoxy)methyl]	HO-C(=N-NH_2)–	P-65.1.3.2.2
hydrazinylidenemethyl = methanehydrazonoyl* = formohydrazonoyl	HC(=N-NH_2)–	P-65.1.7.2.2
(hydrazinylidenemethyl)amino = methanehydrazonamido* = methanehydrazonoylamino	HC(=N-NH_2)-NH–	P-66.4.2.3.3
(hydrazinylidenemethyl)diazenyl = formazan-1-yl*	HC(=N-NH_2)-N=N–	P-34.2.1.3; P-68.3.1.3.5.2
2-(hydrazinylidenemethyl)hydrazin-1-yl = methanehydrazonohydrazido* = 2-(methanehydrazonoyl)hydrazin-1-yl	HC(=N-NH_2)-NH-NH–	P-66.4.3.4.2
hydrazinylidenemethylidene* = diazanylidenemethylidene (not hydrazonomethylidene)	H_2N-N=C=	P-65.2.1.8
1-hydrazinylideneprop-2-en-1-yl = prop-2-enehydrazonoyl* = acrylohydrazonoyl	CH_2=CH-C(=N-NH_2)–	P-65.1.7.3.2
hydrazinyl(imino)methyl = hydrazinecarboximidoyl* = carbonohydrazidimidoyl = *C*-hydrazinylcarbonimidoyl	H_2N-NH-C(=NH)–	P-66.4.2.3.1
hydrazinylsulfinyl = hydrazinesulfinyl* (not hydrazinosulfinyl)	H_2N-NH-S(O)–	P-66.3.2.1
hydrazinylsulfonyl = hydrazinesulfonyl* (not hydrazinosulfonyl)	H_2N-NH-SO_2–	P-66.3.2.1
hydrazo: see hydrazine-1,2-diyl*		
hydrazono: see hydrazinylidene*		
hydrazono(hydroxy)methyl: see *C*-hydroxycarbonohydrazonoyl		
hydrazonomethylidene:: see hydrazinylidenemethylidene*		
hydrazonostiboryl = stiborohydrazonoyl*	–Sb(=N-NH_2)<	P-67.1.4.1.1.4
hydroarsoryl = arsonoyl*	HAs(O)<	P-67.1.4.1.1.2; P-67.1.4.1.2
hydromethoxyboryl: see methoxyboranyl*		
hydronitroryl = azonoyl*	HN(O)<	P-67.1.4.1.1.2; P-67.1.4.1.2

hydroperoxy*	HOO–	P-63.4.2.2
(hydroperoxy)carbonyl = carbonoperoxoyl* (not peroxycarboxy)	(HOO)-CO–	P-65.2.1.5
(hydroperoxy)phosphoryl = phosphoroperoxoyl* = peroxyphosphoryl	(HOO)-P(O)<	P-67.1.4.1.1.4
hydrophosphoryl = phosphonoyl*	HP(O)<	P-67.1.4.1.1.2; P-67.1.4.1.2
hydroseleninyl*	HSe(O)–	P-65.3.2.3
hydroseleno: see selanyl*		
hydrostiboryl = stibonoyl*	HSb(O)<	P-67.1.4.1.1.2; P-67.1.4.1.2
hydrosulfinyl*	HS(O)–	P-65.3.2.3
hydrosulfonyl*	HSO_2–	P-65.3.2.3
hydrotelluro: see tellanyl*		
hydro(thiophosphoryl) = phosphonothioyl*	HP(S)<	P-67.1.4.1.2
hydrotrioxy = trioxidanyl*	HO-O-O–	P-68.4.1.3
hydrotriseleno = triselanyl*	HSe-Se-Se–	P-68.4.1.3
hydrotritelluro = tritellanyl*	HTe-Te-Te–	P-68.4.1.3
hydrotrithio = trisulfanyl*	HS-S-S–	P-68.4.1.3
hydroxy* (not oxidanyl)	HO–	P-63.1.4
N-hydroxyacetimidoyl = *N*-hydroxyethanimidoyl* = acetohydroximoyl	CH_3C(=N-OH)–	P-65.1.7.2.2
hydroxyamino* (not hydroxylamino)	HO-NH–	P-68.3.1.1.1.5
hydroxyarsanyl*	(HO)AsH–	P-67.1.4.1.1.6
hydroxyarsoryl*	(HO)As(O)<	P-67.1.4.1.1.5
hydroxyazanediyl*	HO-N<	P-68.3.1.1.1.5
hydroxyazonoyl*	(HO)HN(O)–	P-67.1.4.1.1.5
N-hydroxybenzenecarboximidoyl* = *N*-hydroxybenzimidoyl = benzenecarbohydroximoyl = benzhydroximoyl	C_6H_5-C(=N-OH)–	P-65.1.7.2.2
N-hydroxybenzimidoyl = *N*-hydroxybenzenecarboximidoyl* = benzenecarbohydroximoyl = benzhydroximoyl	C_6H_5-C(=N-OH)–	P-65.1.7.2.2
hydroxybis(sulfanylidene)ethyl = hydroxy(sulfanylidene)ethanethioyl* (not 1,2-dithiooxalo)	HO-CS-CS–	P-65.1.7.2.4
hydroxyboranyl*	(HO)-HB–	P-67.1.4.2
C-hydroxycarbonimidoyl* = hydroxy(imino)methyl	HO-C(=NH)–	P-35.3.2; P-65.1.3.1.2
(*C*-hydroxycarbonimidoyl)amino* = [hydroxy(imino)methyl]amino (not 1-isoureido)	HO-C(=NH)-NH–	P-66.1.6.1.2.2
C-hydroxycarbonohydrazonoyl* = hydrazinylidene(hydroxy)methyl [not hydrazono(hydroxy)methyl]	HO-C(=N-NH_2)–	P-65.1.3.2.2
hydroxycarbonothioyl*	HO-CS–	P-65.2.1.6
(hydroxycarbonothioyl)carbonyl = hydroxy(thiocarbonyl)carbonyl	HO-CS-CO–	P-65.1.7.2.4

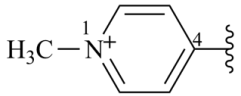
= hydroxy(sulfanylidene)acetyl* (not 2-thiooxalo; not 2-hydroxy-2-thiooxalyl)		
N-hydroxyethanimidoyl* = *N*-hydroxyacetimidoyl = acetohydroximoyl	CH_3-C(=N-OH)–	P-65.1.7.2.2
hydroxyimino*	HO-N=	P-68.3.1.1.2
hydroxy(imino)methyl = *C*-hydroxycarbonimidoyl*	HO-C(=NH)–	P-35.3.2; P-65.1.3.1.2
[hydroxy(imino)methyl]amino = (*C*-hydroxycarbonimidoyl)amino* (not 1-isoureido)	HO-C(=NH)-NH–	P-66.1.6.1.2.2
hydroxylamino: see hydroxyamino*		
hydroxy(mercapto)phosphoryl: see hydroxy(sulfanyl)phosphoryl*		
hydroxy(methyl)boranyl*	CH_3(HO)B–	P-68.1.4.2
hydroxy(methylphosphonoyl)* = hydroxy(methyl)phosphoryl	CH_3-P(O)(OH)–	P-67.1.4.1.1.5
hydroxy(methyl)phosphoryl = hydroxy(methylphosphonoyl)*	CH_3-P(O)(OH)–	P-67.1.4.1.1.5
hydroxy(oxo)acetyl: see oxalo*		
hydroxy(oxo)-λ^5-arsanylidene*	HO-As(O)=	P-67.1.4.1.1.6
hydroxy(oxo)-λ^5-azanylidene* = *aci*-nitro	HO-N(O)=	P-61.5.3; P-67.1.4.1.1.6; P-67.1.6
hydroxy(oxo)-λ^5-phosphanylidene*	HO-P(O)=	P-67.1.4.1.1.6
hydroxy(oxo)-λ^5-stibanediyl = hydroxystiboryl*	HO-Sb(O)<	P-67.1.4.1.1.5; P-67.1.4.1.1.6
hydroxy(oxo)-λ^5-stibanylidene*	HO-Sb(O)=	P-67.1.4.1.1.6
hydroxyphosphanylidene*	HO-P=	P-67.1.4.1.1.6
hydroxyphosphoryl*	HO-P(O)<	P-67.1.4.1.1.5
hydroxyselanyl* = *OSe*-selenohydroperoxy (not seleneno)	HO-Se–	P-63.4.2.2
(hydroxyselanyl)methyl* = (*OSe*-selenohydroperoxy)methyl	(HO-Se)-CH_2–	P-63.4.2.2
hydroxystibanediyl*	HO-Sb<	P-67.1.4.1.1.6
hydroxystiboryl* = hydroxy(oxo)-λ^5-stibanediyl	HO-Sb(O)<	P-67.1.4.1.1.5; P-67.1.4.1.1.6
hydroxysulfanyl* = *OS*-thiohydroperoxy (not sulfeno; not hydroxythio)	HO-S–	P-63.4.2.2
hydroxy(sulfanyl)boranyl = thioborono*	(HO)(HS)B–	P-68.1.4.2
(hydroxysulfanyl)carbonoselenoyl* = (*OS*-thiohydroperoxy)carbonoselenoyl	(HOS)-C(Se)–	P-65.2.1.7
(hydroxysulfanyl)carbonyl* = (*OS*-thiohydroperoxy)carbonyl	(HOS)-CO–	P-65.1.5.3; P-65.2.1.7
hydroxy(sulfanylidene)acetyl* = (hydroxycarbonothioyl)carbonyl = hydroxy(thiocarbonyl)carbonyl (not 2-thiooxalo; not 2-hydroxy-2-thiooxalyl)	HO-CS-CO–	P-65.1.7.2.4
hydroxy(sulfanylidene)ethanethioyl* = hydroxybis(sulfanylidene)ethyl (not 1,2-dithiooxalo)	HO-CS-CS–	P-65.1.7.2.4
(hydroxysulfanyl)phosphorothioyl* = (*OS*-thiohydroperoxy)phosphorothioyl	(HOS)-P(S)<	P-67.1.4.1.1.5
hydroxy(sulfanyl)phosphoryl* [not hydroxy(mercapto)phosphoryl]	(HO)(HS)P(O)–	P-67.1.4.1.1.5
hydroxysulfonothioyl*	HO-S(O)(S)–	P-65.3.2.3
hydroxytellanyl* = *OTe*-tellurohydroperoxy (not tellureno)	HO-Te–	P-63.4.2.2

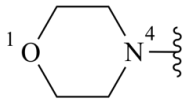
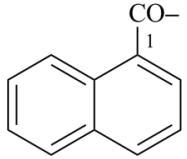
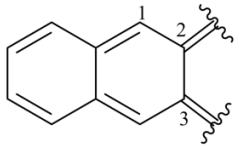
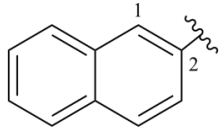
hydroxythio: see hydroxysulfanyl*		
hydroxy(thiocarbonyl)carbonyl = hydroxy(sulfanylidene)acetyl* = (hydroxycarbonothioyl)carbonyl (not 2-thiooxalo; not 2-hydroxy-2-thiooxalyl)	HO-CS-CO–	P-65.1.7.2.4
2-hydroxy-2-thiooxalyl: see hydroxy(sulfanylidene)acetyl		
imidoarsoryl = arsorimidoyl*	As(=NH)<	P-67.1.4.1.1.4
imidophosphinoyl = phosphinimidoyl* = dihydrophosphorimidoyl	$H_2P(=NH)–$	P-67.1.4.1.1.4; P-67.1.4.1.2
imidostibinoyl = stibinimidoyl* = dihydrostiborimidoyl	$H_2Sb(=NH)–$	P-67.1.4.1.1.2; P-67.1.4.1.2
imino* = azanylidene (see also azanediyl)	HN=	P-35.2.1; P-62.3.1.2
1-iminobutyl = butanimidoyl* = butyrimidoyl	CH_3-CH_2-CH_2-C(=NH)–	P-65.1.7.3.2; P-65.1.7.4.1
1-iminoethyl = ethanimidoyl* = acetimidoyl	CH_3-C(=NH)–	P-65.1.7.2.2
iminomethyl = methanimidoyl* = formimidoyl	HC(=NH)–	P-65.1.7.2.2
(iminomethyl)amino = methanimidamido* = formimidoylamino	HN=CH-NH–	P-66.4.1.3.3
iminomethylidene*	HN=C=	P-65.2.1.8
imino(phenyl)methyl = benzenecarboximidoyl* = benzimidoyl	C_6H_5-C(=NH)–	P-65.1.7.2.2
1-iminopropyl = propanimidoyl* = propionimidoyl	CH_3-CH_2-C(=NH)–	P-65.1.7.3.2; P-65.1.7.4.1
1-imino-2-selanylideneethane-1,2-diyl*	–C(=NH)-C(Se)–	P-65.1.7.5
[imino(sulfanyl)methyl]amino = (*C*-sulfanylcarbonimidoyl)amino*	HS-C(=NH)-NH–	P-66.1.6.1.3.3
indiganyl*	$H_2In–$	P-29.3.1; P-68.1.2
iodoso: see iodosyl*		
iodosyl* (not iodoso)	OI–	P-61.3.2.3
iodyl*	$O_2I–$	P-61.3.2.3
isobutoxy: see 2-methylpropoxy*		
isobutyl: see 2-methylpropyl*		
isocyanato*	OCN–	P-61.8
isocyano*	CN–	P-61.9
isofulminato: see (oxo-λ^5-azanylidyne)methyl*		
isonicotinoyl = pyridine-4-carbonyl* = 4-pyridylcarbonyl = oxo(pyridine-4-yl)methyl		P-65.1.7.3.1; P-65.1.7.4.2
isopentyl: see 3-methylbutyl*		
isophthaloyl = benzene-1,3-dicarbonyl* = 1,3-phenylenedicarbonyl = 1,3-phenlenebis(oxomethylene)		P-65.1.7.3.1; P-65.1.7.4.2

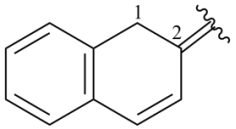
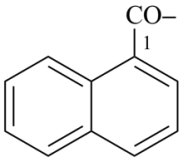
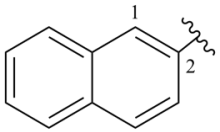
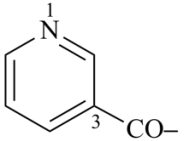
isopropenyl = prop-1-en-2-yl* = 1-methylethen-1-yl	$CH_2=C(CH_3)–$	P-32.1.1; P-32.3
isopropoxy = (propan-2-yl)oxy* = 1-methylethoxy	$(CH_3)_2CH-O–$	P-63.2.2.2
isopropyl = propan-2-yl* = 1-methylethyl	$(CH_3)_2CH–$	P-29.3.2.2; P-29.4.1; P-29.6.2.2
isopropylidene = propan-2-ylidene* = 1-methylethylidene	$(CH_3)_2C=$	P-29.3.2.2; P-29.4.1; P-29.6.2.2
isoquinolin-7-yl* = 7-isoquinolyl (also 1-, 3-, 4-, 5-, 6- and 8-isomers) 7- isoquinolyl = isoquinolin-7-yl* (also 1-, 3-, 4-, 5-, 6- and 8-isomers)		P-29.3.4.1; P-57.1.5.3
isoselenocyanato*	SeCN–	P-61.8
isotellurocyanato*	TeCN–	P-61.8
isothiocyanato*	SCN–	P-61.8
isothiocyanatosulfonothioyl* = sulfur(isothiocyanatido)thioyl	(SCN)-S(O)(S)–	P-67.1.4.4.1
isothiocyanatosulfonyl* = sulfur(isothiocyanatidoyl)	(SCN)-SO_2–	P-67.1.4.4.1
1-isoureido: see (*C*-hydroxycarbonimidoyl)amino*		
3-isoureido: see [amino(hydroxy)methylidene]amino*		
keto (not to be used): see oxo*		
maleoyl = (2*Z*)-but-2-enedioyl* = (2*Z*)-1,4-dioxobut-2-ene-1,4-diyl		P-65.1.7.3.1; P-65.1.7.4.1
malonimidoyl = propanediimidoyl* = 1,3-diiminopropane-1,3-diyl	–C(=NH)-CH_2-C(=NH)–	P-65.1.7.4.1
malonyl = propanedioyl* = 1,3-dioxopropane-1,3-diyl	–CO-CH_2-CO–	P-65.1.7.3.1; P-65.1.7.4.1
mercapto: see sulfanyl*		
mercaptocarbonyl: see sulfanylcarbonyl*		
mercaptooxy: see sulfanyloxy*		
methacryloyl = 2-methylprop-2-enoyl* = 2-methyl-1-oxoprop-2-en-1-yl	$CH_2=C(CH_3)$-CO–	P-65.1.7.3.1; P-65.1.7.4.1
methanediyl: see methylene*		
methanehydrazonamido* = methanehydrazonoylamino = (hydrazinylidenemethyl)amino	HC(=N-NH_2)-NH–	P-66.4.2.3.3
methanehydrazonohydrazido* = 2-(methanehydrazonoyl)hydrazin-1-yl = 2-(hydrazinylidenemethyl)hydrazin-1-yl	HC(=N-NH_2)-NH-NH–	P-66.4.3.4.2
methanehydrazonoyl* = formohydrazonoyl = hydrazinylidenemethyl	HC(=N-NH_2)–	P-65.1.7.2.2
methanehydrazonoylamino = methanehydrazonamido* = (hydrazinylidenemethyl)amino	HC(=N-NH_2)-NH–	P-66.4.2.3.3
2-(methanehydrazonoyl)hydrazin-1-yl = methanehydrazonohydrazido* = 2-(hydrazinylidenemethyl)hydrazin-1-yl	CH(=N-NH_2)-NH-NH–	P-66.4.3.4.2
methaneseleninyl* = methylseleninyl	CH_3-Se(O)–	P-65.3.2.2.2

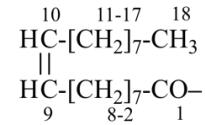
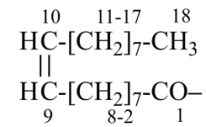
methaneselenonyl* = methylselenonyl	CH_3-SeO_2–	P-65.3.2.2.2
methaneselenoyl* = selenoformyl = selanylidenemethyl	HC(Se)–	P-65.1.7.2.3; P-66.6.3
methanesulfinamido* = (methanesulfinyl)amino	CH_3-S(O)-NH–	P-66.1.1.4.3
methanesulfinimidoyl* = *S*-methylsulfinimidoyl	CH_3-S(=NH)–	P-65.3.2.2.2
methanesulfinyl* = methylsulfinyl	CH_3-S(O)–	P-65.3.2.2.2
(methanesulfinyl)amino = methanesulfinamido*	CH_3-S(O)-NH–	P-66.1.1.4.3
methanesulfonamido* = (methanesulfonyl)amino	CH_3-SO_2-NH–	P-66.1.1.4.3
methanesulfonimidoyl* = *S*-methylsulfonimidoyl	CH_3-S(=NH)(O)–	P-65.3.2.2.2
methanesulfonyl* = methylsulfonyl	CH_3-SO_2–	P-65.3.2.2.2
(methanesulfonyl)amino = methanesulfonamido*	CH_3-SO_2-NH–	P-66.1.1.4.3
(methanesulfonyl)azanylidene = (methanesulfonyl)imino* = (methylsulfonyl)imino	CH_3-SO_2-N=	
(methanesulfonyl)imino* = (methylsulfonyl)imino = (methanesulfonyl)azanylidene	CH_3-SO_2-N=	P-66.1.1.4.4
methanetelluroyl* = telluroformyl = tellanylidenemethyl	HC(Te)–	P-65.1.7.2.3; P-66.6.3
methanetetrayl*	>C<	P-29.3.1
methanethioamido* = (methanethioyl)amino = thioformamido	HCS-NH–	P-66.1.4.4
methanethioyl* = thioformyl = sulfanylidenemethyl	HCS–	P-65.1.7.2.3; P-66.6.3
(methanethioyl)amino = methanethioamido* = thioformamido	HCS-NH–	P-66.1.4.4
methanetriyl*	–CH<	P-29.3.1
methanidyl*	H_2C^-–	P-72.6.3
methanimidamido* = (iminomethyl)amino = formimidoylamino	HC(=NH)-NH–	P-66.4.1.3.3
methanimidoyl* = formimidoyl = iminomethyl	HC(=NH)–	P-65.1.7.2.2
methanoyl = formyl* = oxomethyl	HCO–	P-65.1.7.2.1; P-66.6.1.3
methanyl = methyl*	CH_3–	P-29.3.1
methanylidene = methylidene*	CH_2=	P-29.3.1
methanylidyne = methylidyne*	CH≡	P-29.3.1
methanylylidene*	–CH=	P-29.3.1
methoxy* (not methyloxy)	CH_3-O–	P-63.2.2.2
2-methoxyanilino* = (2-methoxyphenyl)amino (also 3- and 4-methoxy isomers) (not 2-anisidino; not *o*-anisidino)	2-(CH_3-O)-C_6H_4-NH–	P-62.2.1.1.2
methoxyboranyl* (not hydromethoxyboryl)	CH_3-O-BH–	P-67.1.4.2
methoxyboranylidene*	CH_3-O-B=	P-67.1.4.1.1.6
C-methoxycarbonimidoyl*	CH_3-O-C(=NH)–	P-65.2.1.5
methoxycarbonothioyl* = methoxythiocarbonyl	CH_3-O-CS–	P-65.2.1.5

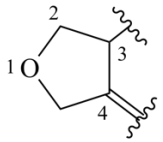
methoxycarbonyl* (not carbomethoxy)	CH_3-O-CO–	P-65.6.3.2.3
methoxy(isocyanato)phosphoryl*	$(CH_3$-O)(OCN)P(O)–	P-67.1.4.1.1.5
methoxy(oxo)-λ^5-arsanylidene*	CH_3-O-As(O)=	P-67.1.4.1.1.6
(2-methoxyphenyl)amino = 2-methoxyanilino* (also *m* = 3- and *p* = 4-isomers)	2-(CH_3-O)-C_6H_4-NH–	P-62.2.1.1.2
methoxysulfanyl* (not methoxythio)	CH_3-O-S–	P-63.3.2
S-methoxysulfinimidoyl*	CH_3-O-S(=NH)–	P-65.3.2.3
(methoxysulfinyl)oxy*	CH_3-O-S(O)-O–	P-67.1.4.4.2
methoxysulfonyl* = methoxysulfuryl	CH_3-O-SO_2–	P-65.3.2.3; P-67.1.4.4.1
(methoxysulfonyl)amino*	CH_3-O-$S(O)_2$-NH–	P-67.1.4.4.2
methoxysulfuryl = methoxysulfonyl*	CH_3-O-SO_2–	P-65.3.2.3; P-67.1.4.4.1
methoxythio: see methoxysulfanyl*		
methoxythiocarbonyl = methoxycarbonothioyl*	CH_3-O-CS–	P-65.2.1.5
methyl* = methanyl	CH_3–	P-29.3.1
(methylamino)sulfinyl*	CH_3-NH-S(O)–	P-66.1.1.4.2
2-methylanilino* = (2-methylphenyl)amino (not *o*-toluidino; not 2-toluidino) (also 3- and 4-isomers)	2-CH_3-C_6H_4-NH–	P-62.2.1.1.2
(methylboranyl)amino*	CH_3-BH-NH–	P-68.1.4.2
2-methylbutan-2-yl* = 1,1-dimethylpropyl (not *tert*-pentyl)	CH_3-CH_2-$C(CH_3)_2$–	P-29.4.1; P-29.6.3; P-57.1.4
1-methylbutyl = pentan-2-yl*	CH_3-CH_2-CH_2-$CH(CH_3)$–	P-29.3.2.2; P-29.4.1
2-methylbutyl*	CH_3-CH_2-$CH(CH_3)$-CH_2–	P-29.4.1
3-methylbutyl* (not isopentyl)	$(CH_3)_2$CH-CH_2-CH_2–	P-29.4.1; P-29.6.3
methyldioxy: see methylperoxy*		
methyldiselanyl* = methyldiseleno	CH_3-Se-Se–	P-63.3.1
methyldiseleno = methyldiselanyl*	CH_3-Se-Se–	P-63.3.1
methyldisulfanyl* = methyldithio	CH_3-S-S–	P-63.3.1
methylditellanyl* = methylditelluro	CH_3-Te-Te–	P-63.3.1
methylditelluro = methylditellanyl*	CH_3-Te-Te–	P-63.3.1
methyldithio = methyldisulfanyl*	CH_3-S-S–	P-63.3.1
methylene* (not methanediyl)	–CH_2–	P-29.6.1
methylenebis(oxy)* (not methylenedioxy)	–O-CH_2-O–	P-63.2.2.1.3
methylenebis(sulfanediyl)* = methylenebis(thio)	–S-CH_2-S–	P-63.2.2.1.3
methylenebis(thio) = methylenebis(sulfanediyl)*	–S-CH_2-S–	P-63.2.2.1.3
methylenedioxy: see methylenebis(oxy)*		

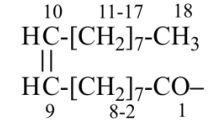
1-methylethane-1,2-diyl = propane-1,2-diyl* (not propylene)	–CH_2-$CH(CH_3)$–	P-29.3.2.2
1-methylethen-1-yl = prop-1-en-2-yl* = isopropenyl	CH_2=$C(CH_3)$–	P-32.1.1; P-32.3
1-methylethoxy = (propan-2-yl)oxy* = isopropoxy	$(CH_3)_2$CH-O–	P-63.2.2.2
1-methylethyl = propan-2-yl* = isopropyl	$(CH_3)_2$CH–	P-29.3.2.2; P-29.4.1; P-29.6.2.2
1-methylethylidene = propan-2-ylidene* = isopropylidene	$(CH_3)_2$C=	P-29.3.2.2; P-29.4.1; P-29.6.2.2
methylidene* = methanylidene	CH_2=	P-29.3.1
(λ^2-methylideneamino)oxy* (not fulminato)	C=N-O–	P-61.10
methylidyne* = methanylidyne	CH≡	P-29.3.1
N-methylmethanaminiumylidene* (not dimethylammoniumylidene; not dimethylimmonio)	$(CH_3)_2N^+$=	P-73.6
2-methyl-1-oxoprop-2-en-1-yl = 2-methylprop-2-enoyl* = methacryloyl	CH_2=$C(CH_3)$-CO–	P-65.1.7.3.1; P-65.1.7.4.1
methyloxy = methoxy*		
methylperoxy* (not methyldioxy)	CH_3-OO–	P-63.3.1
2-methylphenyl* = *o*-toly (also *m*- = 3- and *p*- = 4-isomers)	2-CH_3-C_6H_4–	P-29.6.2.3; P-57.1.5.3
(2-methylphenyl)amino = 2-methylanilino* (not *o*-toluidino; not 2-toluidino) (also 3- and 4-isomers)	2-CH_3-C_6H_4-NH–	P-62.2.1.1.2
methyl(phenyl)arsinoyl*	$(C_6H_5)(CH_3)$As(O)–	P-67.1.4.1.1.3
methylphosphonoyl*	CH_3-P(O)<	P-67.1.4.1.1.3
2-methylpropan-2-yl = *tert*-butyl* (unsubstituted) = 1,1-dimethylethyl	$(CH_3)_3$C–	P-29.4.1; P-29.6.1
2-methylpropan-2-ylium-1-yl*	CH_3-$C^+(CH_3)$-CH_2–	P-73.6
(2-methylpropan-2-yl)oxy = *tert*-butoxy* (unsubstituted) = 1,1-dimethylethoxy	$(CH_3)_3$C-O–	P-63.2.2.2
2-methylprop-2-enoyl* = methacryloyl = 2-methyl-1-oxoprop-2-en-1-yl	CH_2=$C(CH_3)$-CO–	P-65.1.7.3.1; P-65.1.7.4.1
1-methylprop-2-en-1-yl = but-3-en-2-yl*	CH_2=CH-$CH(CH_3)$–	P-32.1.1
1-methylpropoxy = (butan-2-yl)oxy* (not *sec*-butoxy; not *sec*-butyloxy)	CH_3-CH_2-$CH(CH_3)$-O–	P-63.2.2.2
2-methylpropoxy* (not isobutoxy)	CH_3-$CH(CH_3)$-CH_2-O–	P-63.2.2.2
1-methylpropyl = butan-2-yl* (not *sec*-butyl; not but-2-yl)	CH_3-CH_2-$CH(CH_3)$–	P-29.3.2.2; P-29.4.1; P-29.6.3
2-methylpropyl* (not isobutyl)	CH_3-$CH(CH_3)$-CH_2–	P-29.6.3; P-57.1.4
1-methylpropylidene = butan-2-ylidene* (not *sec*-butylidene)	CH_3-CH_2-$C(CH_3)$=	P-29.3.2.2; P-29.4.1; P-29.6.3
1-methylpyridin-1-ium-4-yl*		P-73.6
methylselanyl* = methylseleno	CH_3-Se–	P-63.2.2.1.2; P-63.2.5
methylseleninyl = methaneseleninyl*	CH_3-Se(O)–	P-65.3.2.2.2
methylseleno = methylselanyl*	CH_3-Se–	P-63.2.2.1.2; P-63.2.5
methylselenonyl = methaneselenonyl*	CH_3-SeO_2–	P-65.3.2.2.2

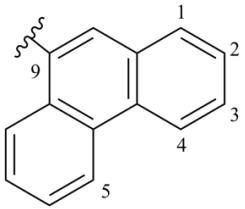
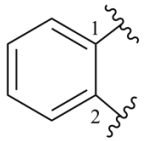
methylsulfaniumdiyl* = methylsulfoniumdiyl	CH_3-S^+<	P-73.6
methylsulfanyl* = methylthio	CH_3-S–	P-63.2.2.1.2; P-63.2.5
(methylsulfanyl)oxy* [not (methylthio)oxy]	CH_3-S-O–	P-63.3.2
(methylsulfanyl)sulfonyl* = (methylthio)sulfonyl	CH_3-S-SO_2–	P-65.3.2.3; P-65.6.3.2.3
S-methylsulfinimidoyl = methanesulfinimidoyl*	CH_3-S(=NH)–	P-65.3.2.2.2
methylsulfinyl = methanesulfinyl*	CH_3-S(O)–	P-65.3.2.2.2
S-methylsulfonimidoyl = methanesulfonimidoyl*	CH_3-S(=NH)(O)–	P-65.3.2.2.2
methylsulfoniumdiyl = methylsulfaniumdiyl*	CH_3-S^+<	P-73.6
methylsulfonyl = methanesulfonyl*	CH_3-SO_2–	P-65.3.2.2.2
(methylsulfonyl)imino = (methanesulfonyl)imino* [not (methanesulfonyl)azanylidene]	CH_3-SO_2-N=	P-66.1.1.4.4
methyltellanyl* = methyltelluro	CH_3-Te–	P-63.2.5
methyltelluro = methyltellanyl*	CH_3-Te–	P-63.2.5
1-methyltetrasilan-1-yl*	SiH_3-SiH_2-SiH_2-SiH(CH_3)–	P-29.4.1
methylthio = methylsulfanyl*	CH_3-S–	P-63.2.2.1.2; P-63.2.5
(methylthio)oxy: see (methylsulfanyl)oxy*		
(methylthio)sulfonyl = (methylsulfanyl)sulfonyl*	CH_3-S-SO_2–	P-65.3.2.3; P-65.6.3.2.3
methyltrisulfanyl* = methyltrithio	CH_3-S-S-S–	P-68.4.1.3
methyltrithio = methyltrisulfanyl*	CH_3-S-S-S–	P-68.4.1.3
morpholino: see morpholin-4-yl*		
morpholin-4-yl* (not morpholino)		P-29.3.3; P-29.6.2.3; P-64.7.1
naphthalene-1-carbonyl* = 1-naphthoyl = 1-naphthylcarbonyl = naphthalen-1-yl(oxo)methyl (also 2-isomer)		P-65.1.7.3.1; P-65.1.7.4.2
naphthalene-2,3-diylidene*		P-29.3.4.1
naphthalen-2-yl* = 2-naphthyl (also 1-isomer)		P-29.3.4.1; P-29.6.2.3; P-57.1.5.3

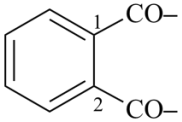
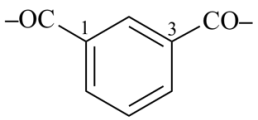
naphthalen-1-yl(oxo)methyl = naphthalene-1-carbonyl* = 1-naphthoyl = 1-naphthylcarbonyl (also 2-isomer)	1-$C_{10}H_7$-CO–	P-65.1.7.3.1; P-65.1.7.4.2
naphthalen-2(1*H*)-ylidene* [also 1(2*H*)-isomer]		P-29.3.4.1
1-naphthoyl = naphthalene-1-carbonyl* = 1-naphthylcarbonyl = naphthalen-1-yl(oxo)methyl (also 2-isomer)		P-65.1.7.3.1; P-65.1.7.4.2
2-naphthyl = naphthalen-2-yl* (also 1-isomer)		P-29.3.4.1; P-29.6.2.3
1-naphthylcarbonyl = naphthalene-1-carbonyl* = 1-naphthoyl = naphthalen-1-yl(oxo)methyl (also 2-isomer)	1-$C_{10}H_7$-CO–	P-65.1.7.3.1; P-65.1.7.4.2; P-57.1.5.3
neopentyl: see 2,2-dimethylpropyl*		
nicotinoyl = pyridine-3-carbonyl* = 3-pyridylcarbonyl = oxo(pyridin-3-yl)methyl		P-65.1.7.3.1; P-65.6.3.2.3
nitramido* = nitroamino	O_2N-NH–	P-67.1.4.3.2
nitridophosphoryl = phosphoronitridoyl*	N≡P<	P-67.1.4.1.1.4
nitridostiboryl = stiboronitridoyl*	N≡Sb<	P-67.1.4.1.1.4
nitrilo* = azanetriyl (not azanylidyne; not azanylylidene)	–N<	P-35.2.1; P-62.2.5.1
nitro*	O_2N–	P-61.5.1
aci-nitro = hydroxy(oxo)-λ^5-azanylidene*	HO-N(O)=	P-61.5.3; P-67.1.4.1.1.6; P-67.1.6
nitroamino = nitramido*	O_2N-NH–	P-67.1.4.3.2
nitroazanediyl*	O_2N-N<	P-67.1.4.3.2
1-nitrohydrazin-1-yl*	H_2N-N(NO_2)–	P-67.1.4.3.3
2-nitrohydrazin-1-yl*	O_2N-NH-NH–	P-67.1.4.3.3
nitroimino*	O_2N-N=	P-67.1.4.3.2
nitrooxy*	O_2N-O–	P-67.1.4.3.1
nitroryl* (not azoryl)	–N(O)<	P-67.1.4.1.1.2
nitroso*	O=N–	P-61.5.1

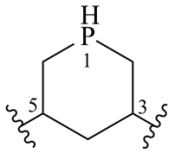
nitrosoamino*	ON-NH–	P-67.1.4.3.2
nitrosohydrazinylidene*	ON-NH-N=	P-67.1.4.3.3
nitrosooxy*	ON-O–	P-67.1.4.3.1
nitrososelanyl*	ON-Se–	P-67.1.4.3.1
nitrosulfanyl*	O_2N-S–	P-67.1.4.3.1
nonanoyl* = 1-oxononyl	CH_3-$[CH_2]_7$-CO–	P-65.1.7.4.1
nonan-1-yl = nonyl*	CH_3-$[CH_2]_7$-CH_2–	P-29.3.2.1; P-29.3.2.2
nonan-1-ylidene = nonylidene*	CH_3-$[CH_2]_7$-CH=	P-29.3.2.1; P-29.3.2.2;
nonanylidyne = nonylidyne*	CH_3-$[CH_2]_7$-C≡	P-29.3.2.1; P-29.3.2.2
nonyl* = nonan-1-yl	CH_3-$[CH_2]_7$-CH_2–	P-29.3.2.1; P-29.3.2.2
nonylidene* = nonan-1-ylidene	CH_3-$[CH_2]_7$-CH=	P-29.3.2.1; P-29.3.2.2
nonylidyne* = nonanylidyne	CH_3-$[CH_2]_7$-C≡	P-29.3.2.1; P-29.3.2.2
octadecanoyl* = stearoyl = 1-oxooctadecyl	CH_3-$[CH_2]_{16}$-CO–	P-65.1.7.3.1; P-65.1.7.4.1
octadecan-1-yl = octadecyl*	CH_3-$[CH_2]_{17}$–	P-29.3.2.1; P-29.3.2.2
(9*Z*)-octadec-9-enoyl* = oleoyl = (9*Z*)-1-oxooctadec-9-en-1-yl		P-65.1.7.3.1; P-65.1.7.4.1
octadecyl* = octadecan-1-yl	CH_3-$[CH_2]_{17}$–	P-29.3.2.1; P-29.3.2.2
octanoyl* = 1-oxooctyl	CH_3-$[CH_2]_6$-CO–	P-65.1.7.4.1
octan-1-yl = octyl*	CH_3-$[CH_2]_6$-CH_2–	P-29.3.2.1; P-29.3.2.2
octan-1-ylidene = octylidene*	CH_3-$[CH_2]_6$-CH=	P-29.3.2.1; P-29.3.2.2
octanylidyne = octylidyne*	CH_3-$[CH_2]_6$-C≡	P-29.3.2.1; P-29.3.2.2
octyl* = octan-1-yl	CH_3-$[CH_2]_6$-CH_2–	P-29.3.2.1; P-29.3.2.2
octylidene* = octan-1-ylidene	CH_3-$[CH_2]_6$-CH=	P-29.3.2.1; P-29.3.2.2
octylidyne* = octanylidyne	CH_3-$[CH_2]_6$-C≡	P-29.3.2.1; P-29.3.2.2
oleoyl = (9*Z*)-octadec-9-enoyl* = (9*Z*)-1-oxooctadec-9-en-1-yl		P-65.1.7.3.1; P-65.1.7.4.1
oxalimidoyl = ethanediimidoyl* = diiminoethanediyl	–C(=NH)-C(=NH)–	P-65.1.7.2.2
oxalo* = carboxycarbonyl (not carboxyformyl; not hydroxy(oxo)acetyl)	HO-CO-CO–	P-65.1.2.2.3; P-65.1.7.2.1
oxaloamino* = (carboxycarbonyl)amino	HOOC-CO-NH–	P-65.1.7.2.4
2-oxaloethyl: see 3-carboxy-3-oxopropyl*		

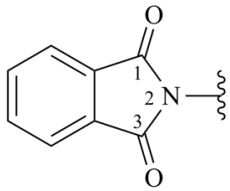
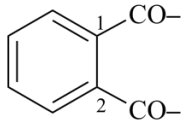
oxalooxy* = (carboxycarbonyl)oxy [not (carboxyformyl)oxy]	HO-CO-CO-O–	P-65.1.7.2.4
oxalosulfanyl* = (carboxycarbonyl)sulfanyl = (carboxycarbonyl)thio [not (carboxyformyl)sulfanyl; not (carboxyfomyl)thio]	HOOC-CO-S–	P-65.1.7.2.4
oxalyl* = ethanedioyl = dioxoethanediyl	–CO-CO–	P-65.1.7.2.1
oxalylbis(azanediyl)* = ethanedioylbis(azanediyl)	–HN-CO-CO-NH–	P-66.1.1.4.5.2
oxalylbis(azanetriyl) = oxalyldinitrilo* = ethanedioyldinitrilo = ethanedioylbis(azanetriyl)	>N-CO-CO-N<	P-66.1.1.4.5.2
oxalylbis(azanylylidene)* = ethanedioylbis(azanylylidene)	=N-CO-CO-N=	P-66.1.1.4.5.2
oxalyldinitrilo* = oxalylbis(azanetriyl) = ethanedioyldinitrilo = ethanedioylbis(azanetriyl)	>N-CO-CO-N<	P-66.1.1.4.5.2
oxamoyl* = aminooxalyl = amino(oxo)acetyl (not carbamoylformyl; not carbamoycarbonyl)	H_2N-CO-CO–	P-66.1.1.4.1.2
oxamoylamino* = amino(oxo)acetamido (not carbamoylformamido)	H_2N-CO-CO-NH–	P-66.1.1.4.5.1
oxamoylazanediyl*	H_2N-CO-CO-N<	P-66.1.1.4.5.2
oxamoylimino* = [amino(oxo)acetyl]imino	H_2N-CO-CO-N=	P-66.1.1.4.5.1
oxidanyl: see hydroxy*		
oxido*	$^-$O–	P-72.6.2
oxo* (not keto)	O=	P-64.5.1
oxoacetyl*	OCH-CO–	P-65.1.6.3; P-65.1.7.2.4
oxoarsanyl* (not arsenoso)	O=As–	P-61.6
oxo-λ^5-azanyl*	H_2N(O)–	P-62.5
(oxo-λ^5-azanylidyne)methyl* (not isofulminato)	ON≡C–	P-61.10; P-66.5.4.2
1-oxobutyl = butanoyl* = butyryl	CH_3-CH_2-CH_2-CO–	P-65.1.7.3.1; P-65.1.7.4.1
1-oxodecyl = decanoyl*	CH_3-$[CH_2]_8$-CO–	P-65.1.7.4.1
1-oxododecyl = dodecanoyl*	CH_3-$[CH_2]_{10}$-CO–	P-65.1.7.4.1
1-oxoethyl = acetyl* = ethanoyl	CH_3-CO–	P-65.1.7.2.1
1-oxoheptyl = heptanoyl*	CH_3-$[CH_2]_5$-CO–	P-65.1.7.4.1
1-oxohexadecyl = hexadecanoyl* = palmitoyl	CH_3-$[CH_2]_{14}$-CO–	P-65.1.7.3.1; P-65.1.7.4.1
1-oxohexyl = hexanoyl*	CH_3-$[CH_2]_4$-CO–	P-65.1.7.4.1
oxolan-3-yl-4-ylidene*		P-29.3.3
oxomethyl = formyl* = methanoyl	HCO–	P-65.1.7.2.1; P-66.6.1.3
oxomethylidene*	O=C=	P-65.2.1.8
1-oxononyl = nonanoyl*	CH_3-$[CH_2]_7$-CO–	P-65.1.7.4.1

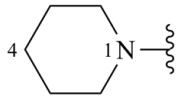
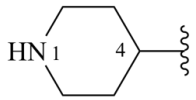
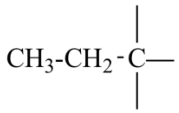
(9*Z*)-1-oxooctadec-9-en-1-yl = (9*Z*)-octadec-9-enoyl* = oleoyl		P-65.1.7.3.1; P-65.1.7.4.1
1-oxooctadecyl = octadecanoyl* = stearoyl	CH_3-$[CH_2]_{16}$-CO–	P-65.1.7.3.1; P-65.1.7.4.1
1-oxooctyl = octanoyl*	CH_3-$[CH_2]_6$-CO–	P-65.1.7.4.1
1-oxopentyl = pentanoyl*	CH_3-CH_2-CH_2-CH_2-CO–	P-65.1.7.4.1
oxo(phenyl)methyl = benzoyl* = benzenecarbonyl = phenylcarbonyl	C_6H_5-CO–	P-34.2.1.1; P-34.2.2; P-65.1.7.2.1
oxophosphanyl* (not phosphoroso)	O=P–	P-61.6; P-67.1.4.1.1.6
oxo-λ^5-phosphanylidene*	HP(O)=	P-67.1.4.1.1.6
oxo-λ^5-phosphanylidyne*	P(O)≡	P-67.1.4.1.1.6
2-oxopropanoyl* = 1,2-dioxopropyl (not pyruvoyl)	CH_3-CO-CO–	P-65.1.1.2.3; P-65.1.7.4.1
1-oxoprop-2-en-1-yl = prop-2-enoyl* = acryloyl	CH_2=CH-CO–	P-65.1.7.3.1; P-65.1.7.4.1
1-oxopropyl = propanoyl* = propionyl	CH_3-CH_2-CO–	P-65.1.7.3.1; P-65.1.7.4.1
2-oxopropyl* = acetonyl	CH_3-CO-CH_2–	P-64.5.1
2-oxopropylidene* (not acetonylidene)	CH_3-CO-CH=	P-64.5
2-oxopropylidyne* (not acetonylidyne)	CH_3-CO-C≡	P-64.5
oxo(pyridin-3-yl)methyl = nicotinyl = pyridine-3-carbonyl* = 3-pyridylcarbonyl	3-C_5H_4N-CO–	P-65.1.7.3.1; P-65.6.3.2.3
oxo(pyridin-4-yl)methyl = isonicotinyl = pyridine-4-carbonyl* = 4-pyridylcarbonyl	4-C_5H_4N-CO–	P-65.1.7.3.1; P-65.1.7.4.2
oxostibanyl*	O=Sb–	P-67.1.4.1.1.6
1-oxo-4-sulfanylidenebutane-1,4-diyl*	–CO-CH_2CH_2-CS–	P-65.1.7.5
1-oxotetradecyl = tetradecanoyl*	CH_3-$[CH_2]_{12}$-CO–	P-65.1.7.4.1
oxy*	–O–	P-15.3.1.2.1.1; P-63.2.2.1.1
oxylcarbonyl* = (ylooxidanyl)formyl	•O-CO–	P-71.5
palmitoyl = hexadecanoyl* = 1-oxohexadecyl	CH_3-$[CH_2]_{14}$-CO–	P-65.1.7.3.1; P-65.1.7.4.1
pentanedioyl* = glutaryl = 1,5-dioxopentane-1,5-diyl	–CO-CH_2-CH_2-CH_2-CO–	P-65.1.7.3.1; P-65.1.7.4.1
pentanoyl* = 1-oxopentyl	CH_3-CH_2-CH_2-CH_2-CO–	P-65.1.7.4.1
pentan-1-yl = pentyl*	CH_3-CH_2-CH_2-CH_2-CH_2–	P-29.3.2.1 ;P-29.3.2.2
pentan-2-yl* = 1-methylbutyl	CH_3-CH_2-CH_2-CH(CH_3)–	P-29.3.2.2; P-29.4.1
pentan-1-ylidene = pentylidene*	CH_3-CH_2-CH_2-CH_2-CH=	P-29.3.2.1; P-29.3.2.2
pentan-3-ylidene* = 1-ethylpropylidene	(CH_3-CH_2)$_2$C=	P-29.3.2.2; P-29.4
pentanylidyne = pentylidyne*	CH_3-CH_2-CH_2-CH_2-C≡	P-29.3.2.1; P-29.3.2.2
pent-2-enoyl*	CH_3-CH_2-CH=CH-CO–	P-65.1.7.4.1

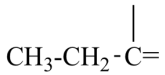
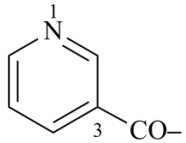
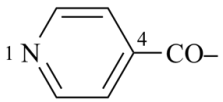
pentyl* = pentan-1-yl	CH_3-CH_2-CH_2-CH_2-CH_2–	P-29.3.2.1; P-29.3.2.2
tert-pentyl: see 2-methylbutan-2-yl*		
pentylidene* = pentan-1-ylidene	CH_3-CH_2-CH_2-CH_2-CH=	P-29.3.2.1; P-29.3.2.2
pentylidyne* = pentanylidyne	CH_3-CH_2-CH_2-CH_2-C≡	P-29.3.2.1; P-29.3.2.2
pentyloxy*	CH_3-$[CH_2]_3$-CH_2-O–	P-63.2.2.1.1
perbromyl*	O_3Br–	P-61.3.2.3
perchloryl*	O_3Cl–	P-61.3.2.3
perfluoryl*	O_3F–	P-61.3.2.3
periodyl*	O_3I–	P-61.3.2.3
peroxy* (not dioxy)	–OO–	P-63.3.1
peroxycarboxy: see carbonoperoxoyl*		
peroxyphosphoryl = phosphoroperoxoyl* = (hydroperoxy)phosphoryl	(HOO)-P(O)<	P-67.1.4.1.1.4
phenanthren-9-yl* = 9-phenanthryl (also 1-, 2-, 3-, and 4-isomers)		P-29.3.4.1; P-29.6.2.3; P-57.1.5.3
9-phenanthryl = phenanthren-9-yl* (also 1-, 2-, 3-, and 4-isomers)	9-$C_{14}H_9$–	P-29.3.4.1; P-29.6.2.3; P-57.1.5.3
phenethyl: see 2-phenylethyl		
o-phenetidino: see 2-ethoxyanilino* (also *m* = 3 and *p* = 4 isomers)		
phenoxy* (not phenyloxy)	C_6H_5-O–	P-63.2.2.2
phenyl*	C_6H_5–	P-29.6.1
phenylamino = anilino*	C_6H_5-NH–	P-62.2.1.1.1
(phenylamino)sulfonyl = phenylsulfamoyl* = anilinosulfonyl	C_6H_5-NH-SO_2–	P-66.1.1.4.2
phenylazo = phenyldiazenyl*	C_6H_5-N=N–	P-68.3.1.3.2.2
phenylcarbonyl = benzoyl* = benzenecarbonyl = oxo(phenyl)methyl	C_6H_5-CO–	P-34.2.1.1; P-34.2.2; P-65.1.7.2.1
(phenylcarbonyl)oxy = benzoyloxy*	C_6H_5-CO-O–	P-65.6.3.2.3
phenyl(chlorophosphonoyl) = phenylphosphonochloridoyl*	(C_6H_5)ClP(O)–	P-67.1.4.1.1.4
phenyldiazenyl* = phenylazo	C_6H_5–N=N–	P-68.3.1.3.2.2
1,2-phenylene* (not benzene-1,2-diyl) (also 1,3- and 1,4-isomers)		P-29.6.1

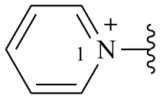
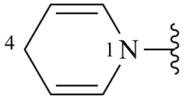
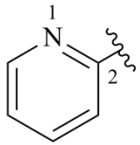
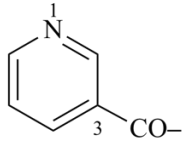
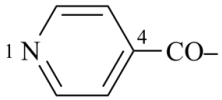
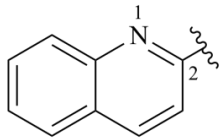
1,4-phenylenebis(iminomethylene) = benzene-1,4-dicarboximidoyl* = terephthalimidoyl = 1,4-phenylenedicarbonimidoyl		P-65.1.7.3.2
1,2-phenylenebis(oxomethylene) = benzene-1,2-dicarbonyl* = phthaloyl = 1,2-phenylenedicarbonyl	1,2-$C_6H_4(CO–)_2$	P-65.1.7.3.1; P-65.1.7.4.2
1,3-phenylenebis(oxomethylene) = benzene-1,3-dicarbonyl* = isophthaloyl = 1,3-phenylenedicarbonyl	1,3-$C_6H_4(CO–)_2$	P-65.1.7.3.1; P-65.1.7.4.2
1,4-phenylenebis(oxomethylene) = benzene-1,4-dicarbonyl* = terephthaloyl = 1,4-phenylenedicarbonyl	1,4-$C_6H_4(CO–)_2$	P-65.1.7.3.1; P-65.1.7.4.2
1,2-phenylenebis(sulfanylidenemethylene) = benzene-1,2-dicarbothioyl* = 1,2-phenylenebis(thioxomethylene) (not dithiophthaloyl)	1,2-$C_6H_4(CS–)_2$	P-65.1.7.3.1; P-65.1.7.4.3
1,2-phenylenebis(thioxomethylene) = benzene-1,2-dicarbothioyl* = 1,2-phenylenebis(sulfanylidenemethylene) (not dithiophthaloyl)	1,2-$C_6H_4(CS–)_2$	P-65.1.7.3.1; P-65.1.7.4.3
1,4-phenylenedicarbonimidoyl = benzene-1,4-dicarboximidoyl* = terephthalimidoyl = 1,4-phenylenebis(iminomethylene)	1,4-$C_6H_4(C=NH)_2–$	P-65.1.7.3.2
1,2-phenylenedicarbonyl = benzene-1,2-dicarbonyl* = phthaloyl = 1,2-phenylenebis(oxomethylene)		P-65.1.7.3.1; P-65.1.7.4.2
1,3-phenylenedicarbonyl = benzene-1,3-dicarbonyl* = isophthaloyl = 1,3-phenylenebis(oxomethylene)		P-65.1.7.3.1; P-65.1.7.4.2
1,4-phenylenedicarbonyl = benzene-1,4-dicarbonyl* = terephthaloyl = 1,4-phenylenebis(oxomethylene)		P-65.1.7.3.1; P-65.1.7.4.2
2-phenylethenyl* = 2-phenylvinyl = styryl	C_6H_5-CH=CH–	P-32.3
2-phenylethyl* (not phenethyl)	C_6H_5-CH_2-CH_2–	P-29.6.3
phenylmethoxy = benzyloxy*	C_6H_5-CH_2-O–	P-63.2.2.1.1
phenylmethyl = benzyl*	C_6H_5-CH_2–	P-29.6.1; P-29.6.2.1
phenylmethylidene = benzylidene* (not benzal)	C_6H_5-CH=	P-29.6.1; P-29.6.2.1
phenylmethylidyne = benzylidyne*	C_6H_5-C≡	P-29.6.1; P-29.6.2.1
phenyloxy: see phenoxy*		
4-phenylphenyl: see [1,1′-biphenyl]-4-yl		
phenylphosphonochloridoyl* = phenyl(chlorophosphonoyl)	$(C_6H_5)ClP(O)–$	P-67.1.4.1.1.4
3-phenylprop-2-enoyl* = cinnamoyl	C_6H_5-CH=CH-CO–	P-65.1.7.3.1
phenylselanyl* = phenylseleno	C_6H_5-Se–	P-63.2.2.1.2; P-63.2.5

(phenylselanyl)oxy*	C_6H_5-Se-O–	P-63.3.2
phenylseleno = phenylselanyl*	C_6H_5-Se–	P-63.2.2.1.2; P-63.2.5
phenylselenonyl = benzeneselenonyl*	C_6H_5-SeO_2–	P-65.3.2.2.2
phenylsulfamoyl* = (phenylamino)sulfonyl = anilinosulfonyl	C_6H_5-NH-SO_2–	P-66.1.1.4.2
phenylsulfanyl* = phenylthio	C_6H_5-S–	P-63.2.2.1.2; P-63.2.5
phenyl(sulfanylidene)methyl = benzenecarbothioyl* = thiobenzoyl = phenyl(thioxo)methyl	C_6H_5-CS–	P-65.1.7.2.3
(phenylsulfanyl)oxy*	C_6H_5-S-O–	P-63.3.2
phenylsulfinoselenoyl = benzenesulfinoselenoyl*	C_6H_5-S(Se)–	P-65.3.2.2.2
phenylsulfinyl = benzenesulfinyl*	C_6H_5-S(O)–	P-63.6; P-65.3.2.2.2
(phenylsulfinyl)amino = benzenesulfinamido* = (benzenesulfinyl)amino	C_6H_5-S(O)-NH–	P-66.1.1.4.3
phenylsulfonyl = benzenesulfonyl*	C_6H_5-SO_2–	P-63.6; P-65.3.2.2.2
(phenylsulfonyl)amino = benzenesulfonamido* = (benzenesulfonyl)amino	C_6H_5-SO_2-NH–	P-66.1.1.4.3
phenyltellanyl* = phenyltelluro	C_6H_5-Te–	P-63.2.2.1.2; P-63.2.5
(phenyltellanyl)oxy*	C_6H_5-Te-O–	P-63.3.2
phenyltelluro = phenyltellanyl*	C_6H_5-Te–	P-63.2.2.1.2; P-63.2.5
phenylthio = phenylsulfanyl*	C_6H_5-S–	P-63.2.2.1.2; P-63.2.5
phenyl(thioxo)methyl = benzenecarbothioyl* = thiobenzoyl = phenyl(sulfanylidene)methyl	C_6H_5-CS–	P-65.1.7.2.3
2-phenylvinyl = 2-phenylethenyl* = styryl	C_6H_5-CH=CH–	P-32.3
phosphanediyl* (not phosphinediyl)	HP<	P-68.3.2.3.2.2
phosphanetriyl* (not phosphinetriyl)	–P<	P-68.3.2.3.2.2
phosphaniumyl* = phosphonio = phosphoniumyl	H_3P^+–	P-73.6; P-74.1.3
phosphanyl* = phosphino	H_2P–	P-29.3.1; P-68.3.2.3.2.2
λ^5-phosphanyl* = phosphoranyl	H_4P–	P-68.3.2.3.2.2
phosphanylidene*	HP=	P-29.3.1; P-68.3.2.3.2.2
phosphanylylidene*	–P=	P-68.3.2.3.2.2
phosphinane-3,5-diyl*		P-29.3.3
phosphinediyl: see phosphanediyl*		
phosphinetriyl: see phosphanetriyl*		
phosphinimidoyl* = imidophosphinoyl = dihydrophosphorimidoyl	H_2P(=NH)–	P-67.1.4.1.1.4; P-67.1.4.1.2
phosphino = phosphanyl*	H_2P–	P-29.3.1; P-68.3.2.3.2.2

phosphinothioyl* = thiophosphinoyl = dihydrophosphorothioyl	$H_2P(S)$–	P-67.1.4.1.1.4; P-67.1.4.1.2
phosphinoyl* = dihydrophosphoryl (not phosphinyl)	$H_2P(O)$–	P-67.1.4.1.1.2; P-67.1.4.1.2
phosphinyl: see phosphinoyl*		
phospho: see dioxo-λ^5-phosphanyl*		
phosphonato*	$(O^-)_2P(O)$–	P-72.6.1
phosphonio = phosphaniumyl* = phosphoniumyl	H_3P^+–	P-73.6; P-74.1.3
phosphoniumyl = phosphaniumyl* = phosphonio	H_3P^+–	P-73.6; P-74.1.3
phosphono*	$(HO)_2P(O)$–	P-67.1.4.1.1.1
phosphonooxy*	$(HO)_2P(O)$-O–	P-67.1.4.1.3
phosphonothioyl* = hydro(thiophosphoryl)	HP(S)<	P-67.1.4.1.2
phosphonoyl* = hydrophosphoryl	HP(O)<	P-67.1.4.1.1.2; P-67.1.4.1.2
phosphoramidochloridoyl* = amidochlorophosphoryl (not chloroamidophosphoryl)	$(H_2N)ClP(O)$–	P-67.1.4.1.1.4; P-67.1.5.2
phosphoranyl = λ^5-phosphanyl*	H_4P–	P-68.3.2.3.2.2
phosphorocyanidoisocyanatidothioyl* = cyano(isocyanato)phosphorothioyl = cyano(isocyanato)thiophosphoryl	(OCN)(NC)P(S)–	P-67.1.4.1.1.4
phosphorodichloridoyl* = dichlorophosphoryl	$Cl_2P(O)$–	P-67.1.4.1.1.4
phosphorohydrazidimidoyl* = hydrazidimidophosphoryl	$(H_2N$-NH)-P(=NH)<	P-67.1.4.1.1.4
phosphoronitridoyl* = nitridophosphoryl	N≡P<	P-67.1.4.1.1.4
phosphoroperoxoyl* = peroxyphosphoryl = (hydroperoxy)phosphoryl	(HOO)-P(O)<	P-67.1.4.1.1.4
phosphoroso: see oxophosphanyl*		
phosphoro(thioperoxoyl)* = (thioperoxy)phosphoryl = (thiohydroperoxy)phosphoryl	(HSO)-P(O)< or (HOS)-P(O)<	P-67.1.4.1.1.4
phosphorothioyl* = thiophosphoryl	–P(S)<	P-67.1.4.1.1.4
phosphoryl*	–P(O)<	P-67.1.4.1.1.2
phthalimido = 1,3-dioxo-1,3-dihydro-2*H*-isoindol-2-yl*		P-66.2.2
phthaloyl = benzene-1,2-dicarbonyl* = 1,2-phenylenedicarbonyl = 1,2-phenylenebis(oxomethylene)		P-65.1.7.3.1; P-65.1.7.4.2
piperidino = piperidin-1-yl* = 1-piperidyl	$C_5H_{10}N$–	P-29.6.2.3; P-57.1.5.3

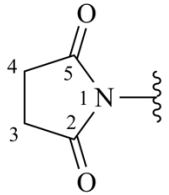
piperidin-1-yl* = 1-piperidyl = piperidino		P-29.6.2.3; P-57.1.5.3
piperidin-4-yl* = 4-piperidyl (also 1-, 2-, and 3-isomers) 4-piperidyl = piperidin-4-yl*		P-29.6.2.3; P-57.1.5.3
1-piperidyl = piperidin-1-yl* = piperidino	$C_5H_{10}N–$	P-29.6.2.3; P-57.1.5.3
plumbanediyl* (not plumbylene)	$H_2Pb<$	P-68.2.2
plumbanediylidene*	$=Pb=$	P-68.2.2
plumbanetetrayl*	$>Pb<$	P-68.2.2
plumbanetriyl*	$–PbH<$	P-68.2.2
plumbanyl = plumbyl*	$H_3Pb–$	P-29.3.1; P-68.2.2
plumbanylidene = plumbylidene*	$H_2Pb=$	P-29.3.1; P-68.2.2
plumbanylidyne = plumbylidyne*	$HPb\equiv$	P-29.3.1; P-68.2.2
plumbanylylidene*	$–PbH=$	P-68.2.2
plumbyl* = plumbanyl	$H_3Pb–$	P-29.3.1; P-68.2.2
plumbylene: see plumbanediyl*		
plumbylidene* = plumbanylidene	$H_2Pb=$	P-29.3.1; P-68.2.2
plumbylidyne* = plumbanylidyne	$HPb\equiv$	P-29.3.1; P-68.2.2
propanamido* = propanoylamino = propionamido = propionylamino	$CH_3\text{-}CH_2\text{-}CO\text{-}NH–$	P-66.1.1.4.3
propanediimidoyl* = malonimidoyl = 1,3-diiminopropane-1,3-diyl	$–C(=HN)\text{-}CH_2\text{-}C(=NH)–$	P-65.1.7.4.1
propanedioyl* = malonyl = 1,3-dioxopropane-1,3-diyl	$–CO\text{-}CH_2\text{-}CO–$	P-65.1.7.3.1; P-65.1.7.4.1
propane-1,3-diyl* (not trimethylene)	$–CH_2\text{-}CH_2\text{-}CH_2–$	P-29.3.2.2
propane-1,2-diyl* = 1-methylethane-1,2-diyl (not propylene)	$–CH_2\text{-}CH(CH_3)–$	P-29.3.2.2
propane-1,1,1-triyl*		P-29.3.2.2
propanethioyl* = thiopropionyl = 1-sulfanylidenepropyl = 1-thioxopropyl	$CH_3\text{-}CH_2\text{-}CS–$	P-65.1.7.4.1
propanimidoyl* = propionimidoyl = 1-iminopropyl	$CH_3\text{-}CH_2\text{-}C(=NH)–$	P-65.1.7.3.2; P-65.1.7.4.1
propanoyl* = propionyl = 1-oxopropyl	$CH_3\text{-}CH_2\text{-}CO–$	P-65.1.7.3.1; P-65.1.7.4.1
propanoylamino = propanamido* = propionamido = propionylamino	$CH_3\text{-}CH_2\text{-}CO\text{-}NH–$	P-66.1.1.4.3
propanoyloxy* = propionyloxy	$CH_3\text{-}CH_2\text{-}CO\text{-}O–$	P-65.6.3.2.3
propan-1-yl = propyl*	$CH_3\text{-}CH_2\text{-}CH_2–$	P-29.3.2.1; P-29.3.2.2
propan-2-yl* = isopropyl = 1-methylethyl	$(CH_3)_2CH–$	P-29.3.2.2; P-29.4.1; P-29.6.2.2

propan-1-ylidene = propylidene*	CH_3-CH_2-CH=	P-29.3.2.1; P-29.3.2.2
propan-2-ylidene* = 1-methylethylidene = isopropylidene	$(CH_3)_2C$=	P-29.3.2.2; P-29.4.1; P-29.6.2.2
propanylidyne = propylidyne*	CH_3-CH_2-C≡	P-29.3.2.1; P-29.3.2.2
(propan-2-yl)oxy* = isopropoxy = 1-methylethoxy	$(CH_3)_2CH$-O–	P-63.2.2.2
propan-1-yl-1-ylidene*		P-29.3.2.2
prop-2-enehydrazonoyl* = acrylohydrazonoyl = 1-hydrazinylideneprop-2-en-1-yl	CH_2=CH-C(=NNH_2)–	P-65.1.7.3.2
prop-2-eneselenoyl* = selenoacryloyl = 1-selanylideneprop-2-en-1-yl	CH_2=CH-C(Se)–	P-65.1.7.3.3
prop-2-enoyl* = acryloyl = 1-oxoprop-2-en-1-yl	CH_2=CH-CO–	P-65.1.7.3.1; P-65.1.7.4.1
prop-1-en-1-yl*	CH_3-CH=CH–	P-32.1.1
prop-1-en-2-yl* = 1-methylethen-1-yl = isopropenyl	CH_2=C(CH_3)–	P-32.1.1; P-32.3
prop-2-en-1-yl* = allyl	CH_2=CH-CH_2–	P-32.1.1; P-32.3
prop-2-en-1-ylidene* = allylidene	CH_2=CH-CH=	P-32.1.1; P-32.3
prop-2-en-1-ylidyne* = allylidyne	CH_2=CH-C≡	P-32.1.1; P-32.3
propionamido = propanamido* = propionylamino = propanoylamino	CH_3-CH_2-CO-NH–	P-66.1.1.4.3
propionimidoyl = propanimidoyl* = 1-iminopropyl	CH_3-CH_2-C(=NH)–	P-65.1.7.3.2; P-65.1.7.4.1
propionyl = propanoyl* = 1-oxopropyl	CH_3-CH_2-CO–	P-65.1.7.3.1; P-65.1.7.4.1
propionylamino = propanamido* = propanoylamino = propionamido	CH_3-CH_2-CO-NH–	P-66.1.1.4.3
propionyloxy = propanoyloxy*	CH_3-CH_2-CO-O–	P-65.6.3.2.3
propoxy* (not propyloxy)	CH_3-CH_2-CH_2-O–	P-63.2.2.2
propyl* = propan-1-yl	CH_3-CH_2-CH_2–	P-29.3.2.1; P-29.3.2.2
propylene: see propane-1,2-diyl*		
propylidene* = propan-1-ylidene	CH_3-CH_2-CH=	P-29.3.2.1; P-29.3.2.2
propylidyne* = propanylidyne	CH_3-CH_2-C≡	P-29.3.2.1; P-29-3.2.2
propyloxy: see propoxy*		
pyridine-3-carbonyl* = nicotinoyl = 3-pyridylcarbonyl = oxo(pyridin-3-yl)methyl		P-65.1.7.3.1; P-65.6.3.2.3
pyridine-4-carbonyl* = 4-pyridylcarbonyl = isonicotinoyl = oxo(pyridin-4-yl)methyl		P-65.1.7.3.1; P-65.1.7.4.2

pyridinio = pyridin-1-ium-1-yl* pyridin-1-ium-1-yl* = pyridinio		P-73.6
pyridin-1(4*H*)-yl* (also 1(2*H*)-isomer)		P-29.3.4.1; P-29.6.2.3
pyridin-2-yl* = 2-pyridyl (also 3- and 4- isomers) 2-pyridyl = pyridin-2-yl* (also 3- and 4- isomers)		P-29.3.4.1; P-29.6.2.3; P-57.1.5.3
3-pyridylcarbonyl = pyridine-3-carbonyl* = nicotinoyl = oxo(pyridin-3-yl)methyl		P-65.1.7.3.1; P-65.6.3.2.3
4-pyridylcarbonyl = pyridine-4-carbonyl * = isonicotinoyl = oxo(pyridin-4-yl)methyl		P-65.1.7.3.1; P-65.1.7.4.2
pyruvoyl: see 2-oxopropanoyl*		
quinolin-2-yl* = 2-quinolyl (and 3-, 4-, 5-, 6-, 7-, and 8-isomers) 2-quinolyl = quinolin-2-yl*		P-29.6.2.3; P-57.1.5.3
selanediyl* (not seleno)	–Se–	P-63.2.5
selaniumyl* = selenonio = selenoniumyl	H_2Se^+–	P-73.6
selano* = episeleno (ring forming)	–Se–	P-25.4.2.1.4; P-63.5
selanyl* (not hydroseleno)	HSe–	P-63.1.5
selanylidene* = selenoxo	Se=	P-29.3.1; P-64.6.1
1-selanylideneethyl = ethaneselenoyl* = selenoacetyl	CH_3-C(Se)–	P-65.1.7.2.3
selanylidenemethyl = methaneselenoyl* = selenoformyl	HC(Se)–	P-65.1.7.2.3; P-66.6.3
1-selanylideneprop-2-en-1-yl = prop-2-eneselenoyl* = selenoacryloyl	CH_2=CH-C(Se)–	P-65.1.7.3.3
selanylphosphonoyl*	HP(O)(SeH)–	P-67.1.4.1.1.5
seleneno: see hydroxyselanyl*		
selenino* (unmodified)	HO-Se(O)–	P-65.3.0; P-65.3.2.1
seleninyl*	O=Se<	P-65.3.2.3
seleno: see selanediyl*		
selenoacetyl = ethaneselenoyl* = 1-selanylideneethyl	CH_3-C(Se)–	P-65.1.7.2.3

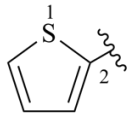
selenoacryloyl = prop-2-eneselenoyl* = 1-selanylideneprop-2-en-1-yl	CH_2=CH-C(Se)–	P-65.1.7.3.3
selenocyanato* = carbononitridoylselanyl	NC-Se–	P-65.2.2
selenoformyl = methaneselenoyl* = selanylidenemethyl	HC(Se)–	P-65.1.7.2.3; P-66.6.3
OSe-selenohydroperoxy = hydroxyselanyl* (not seleneno)	HO-Se–	P-63.4.2.2
(*OSe*-selenohydroperoxy)methyl = (hydroxyselanyl)methyl*	(HO-Se)-CH_2–	P-63.4.2.2
selenonimidothioyl*	Se(=NH)(=S)<	P-65.3.2.3
selenonio = selaniumyl* = selenoniumyl	H_2Se^+–	P-73.6
selenoniumyl = selaniumyl* = selenonio	H_2Se^+–	P-73.6
selenono* (unmodified)	HO-SeO_2–	P-65.3.0; P-65.3.2.1
selenonohydrazonoyl*	Se(O)(=N-NH_2)<	P-65.3.2.3
selenonyl*	–SeO_2–	P-65.3.2.3
selenoxo = selanylidene*	Se=	P-29.3.1; P-64.6.1
semicarbazido = 2-carbamoylhydrazin-1-yl* = 2-(aminocarbonyl)hydrazine-1-yl	H_2N-CO-NH-NH–	P-68.3.1.2.4
semicarbazono = carbamoylhydrazinylidene*	H_2N-CO-NH-N=	P-68.3.1.2.5
silanediyl* (not silylene)	H_2Si<	P-29.3.1; P-68.2.2
silanediyldi(ethane-2,1-diyl)* = silanediyldiethylene	–CH_2-CH_2-SiH_2-CH_2-CH_2–	P-29.4.2
silanediyldiethylene = silanediyldi(ethane-2,1-diyl)*	–CH_2-CH_2-SiH_2-CH_2-CH_2–	P-29.4.2
silanediylidene*	=Si=	P-68.2.2
silanetetrayl*	>Si<	P-68.2.2
silanetriyl*	–SiH<	P-68.2.2
silanyl = silyl*	H_3Si–	P-29.3.1; P-68.2.2
silanylidene = silylidene*	H_2Si=	P-29.3.1; P-68.2.2
silanylidyne = silylidyne*	HSi≡	P-29.3.1; P-68.2.2
silanylylidene*	–SiH=	P-68.2.2
siloxy: see silyloxy		
silyl* = silanyl	H_3Si–	P-29.3.1; P-68.2.2
(silylamino)silyl* (not disilazan-1-yl)	HSi-NH-SiH_2–	P-29.3.2.2
silylene: see silanediyl*		
silylidene* = silanylidene	H_2Si=	P-29.3.1; P-68.2.2
silylidyne* = silanylidyne	HSi≡	P-29.3.1; P-68.2.2
silyloxy* (not siloxy)	H_3Si-O–	P-63.2.2.1.1
3-silyltetrasilan-1-yl*	$^4SiH_3$-$^3SiH(SiH_3)$-$^2SiH_2$-$^1SiH_2$–	P-29.4.1

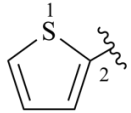
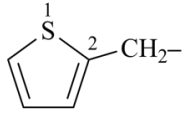
stannanediyl* (not stannylene)	$H_2Sn<$	P-68.2.2
stannanediylidene*	$=Sn=$	P-68.2.2
stannanetetrayl*	$>Sn<$	P-68.2.2
stannanetriyl*	$–SnH<$	P-68.2.2
stannanyl = stannyl*	$H_3Sn–$	P-29.3.1; P-68.2.2
stannanylidene = stannylidene*	$H_2Sn=$	P-29.3.1; P-68.2.2
stannanylidyne = stannylidyne*	$HSn\equiv$	P-29.3.1; P-68.2.2
stannanylylidene*	$–SnH=$	P-68.2.2
stannyl* = stannanyl	$H_3Sn–$	P-29.3.1; P-68.2.2
stannylene: see stannanediyl		
stannylidene* = stannanylidene	$H_2Sn=$	P-29.3.1; P-68.2.2
stannylidyne* = stannanylidyne	$HSn\equiv$	P-29.3.1; P-68.2.2
stearoyl = octadecanoyl* = 1-oxooctadecyl	$CH_3\text{-}[CH_2]_{16}\text{-}CO–$	P-65.1.7.3.1; P-65.1.7.4.1
stibanediyl* (not stibinediyl)	$HSb<$	P-56.4; P-68.3.2.3.2.2
stibanetriyl* (not stibinetriyl)	$–Sb<$	P-68.3.2.3.2.2
stibaniumyl* = stibonio = stiboniumyl	$H_3Sb^+–$	P-73.6
stibanyl* = stibino	$H_2Sb–$	P-29.3.1; P-68.3.2.3.2.2
λ^5-stibanyl* = stiboranyl	$H_4Sb–$	P-68.3.2.3.2.2
stibanylidene* (not stibinylidene)	$HSb=$	P-29.3.1; P-56.4; P-68.3.2.3.2.2
stibanylylidene*	$–Sb=$	P-68.3.2.3.2.2
stibinediyl: see stibanediyl*		
stibinetriyl: see stibanetriyl*		
stibinimidoyl* = imidostibinoyl = dihydrostiborimidoyl	$H_2Sb(=NH)–$	P-67.1.4.1.1.2; P-67.1.4.1.2
stibino = stibanyl*	$H_2Sb–$	P-29.3.1; P-68.3.2.3.2.2
stibinothioyl* = dihydrostiborothioyl	$H_2Sb(S)–$	P-67.1.4.1.1.2; P-67.1.4.1.2
stibinoyl* = dihydrostiboryl	$H_2Sb(O)–$	P-67.1.4.1.1.2; P-67.1.4.1.2
stibinylidene: see stibanylidene*		
stibonato*	$(^-O)_2Sb(O)–$	P-72.6.1
stibonio = stibaniumyl* = stiboniumyl	$H_3Sb^+–$	P-73.6
stiboniumyl = stibaniumyl* = stibonio	$H_3Sb^+–$	P-73.6
stibono*	$(HO)_2Sb(O)–$	P-67.1.4.1.1.1
stibonoyl* = hydrostiboryl	$HSb(O)<$	P-67.1.4.1.1.2; P-67.1.4.1.2
stiboranyl = λ^5-stibanyl*	$H_4Sb–$	P-68.3.2.3.2.2

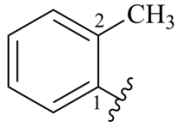
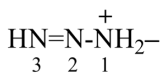
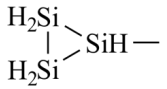
stiborodiamidothioyl*	$(H_2N)_2Sb(S)$–	P-67.1.4.1.1.4
stiborohydrazonoyl* = hydrazonostiboryl	$Sb(=NNH_2)<$	P-67.1.4.1.1.4
stiboronitridoyl* = nitridostiboryl	$N{\equiv}Sb<$	P-67.1.4.1.1.4
stiboryl* (not antimonyl)	–Sb(O)<	P-67.1.4.1.1.2
styryl = 2-phenylethenyl* = 2-phenylvinyl	C_6H_5-CH=CH–	P-32.3
succinimido = 2,5-dioxopyrrolidin-1-yl*		P-66.2.2
succinimidoyl = butanediimidoyl* = 1,4-diiminobutane-1,4-diyl	–C(=NH)-CH_2-CH_2-C(=NH)–	P-65.1.7.3.2
succinyl = butanedioyl* = 1,4-dioxobutane-1,4-diyl	–CO-CH_2-CH_2-CO–	P-65.1.7.3.1; P-65.1.7.4.1
sulfamoyl* = aminosulfonyl = sulfuramidoyl	H_2N-SO_2–	P-65.3.2.3; P-66.1.1.4.2
sulfamoyloxy* = sulfuramidoyloxy	H_2N-SO_2-O–	P-67.1.4.4.2
sulfanediyl* (not thio; not sulfenyl)	–S–	P-63.2.5
sulfanediylbis(methylene)* (not sulfanediyldimethylene; not thiodimethylene)	–CH_2-S-CH_2–	P-63.2.2.1.3
sulfanediyldimethylene: see sulfanediylbis(methylene)*		
sulfaniumyl* = sulfoniumyl = sulfonio	H_2S^+–	P-73.6
sulfano* = epithio (ring forming)	–S–	P-25.4.2.1.4; P-63.5
sulfanyl* (not mercapto)	HS–	P-29.3.1; P-63.1.5
sulfanylbis(sulfanylidene)ethyl = sulfanyl(sulfanylidene)ethanethioyl* = trithiooxalo	HS-CS-CS–	P-65.1.7.2.4; P-65.1.7.3.3
sulfanylboranyl*	HS-BH–	P-67.1.4.2
(*C*-sulfanylcarbonimidoyl)amino* = [imino(sulfanyl)methyl]amino	HS-C(=NH)-NH–	P-66.1.6.1.3.3
sulfanylcarbonothioyl = dithiocarboxy*	HS-CS–	P-65.2.1.6
[(sulfanylcarbonothioyl)sulfanyl]carbonothioyl = [(dithiocarboxy)sulfanyl]carbonothioyl* = [sulfanyl(thiocarbonyl)sulfanyl](thiocarbonyl) {not [(dithiocarboxy)sulfanyl]thioformyl}	HS-CS-S-CS–	P-65.2.3.1.5
sulfanylcarbonyl* (not mercaptocarbonyl)	HS-CO–	P-65.2.1.6
(sulfanylcarbonyl)oxy*	HS-CO-O–	P-65.2.1.6
sulfanylidene* = thioxo	S=	P-29.3.1; P-64.6.1
sulfanylideneamino* = thionitroso = thioxoamino	S=N–	P-67.1.4.3.2
(sulfanylideneamino)sulfanyl* = (thionitroso)sulfanyl = (thioxoamino)sulfanyl	S=N-S–	P-67.1.4.3.2
1-sulfanylidenebutyl = butanethioyl* = thiobutyryl = 1-thioxobutyl	CH_3-CH_2-CH_2-CS–	P-65.1.7.4.1
1-sulfanylideneethyl = ethanethioyl* = thioacetyl	CH_3-CS–	P-65.1.7.2.3

sulfanylidenemethyl = methanethioyl* = thioformyl	HCS–	P-65.1.7.2.3; P-66.6.3
sulfanylidenemethylidene* = thioxomethylidene	S=C=	P-65.2.1.8
1-sulfanylidenepropyl = propanethioyl* = thiopropionyl = 1-thioxopropyl	CH_3-CH_2-CS–	P-65.1.7.4.1
sulfanyloxy* = *SO*-thiohydroperoxy (not mercaptooxy)	HS-O–	P-63.4.2.2
[(sulfanyloxy)carbonyl]oxy* = [(*SO*-thiohydroperoxy)carbonyl]oxy	(HSO)-CO-O–	P-65.2.1.7
(sulfanyloxy)phosphoryl* = (*SO*-thiohydroperoxy)phosphoryl	(HSO)-P(O)<	P-67.1.4.1.1.5
sulfanylphosphonothioyl* = sulfanyl(thiophosphonoyl)	HS-HP(S)–	P-67.1.4.1.1.5
sulfanyl(sulfanylidene)ethanethioyl* = sulfanylbis(sulfanylidene)ethyl = trithiooxalo	HS-CS-CS–	P-65.1.7.2.4; P-65-1.7.3.3
(sulfanylsulfinyl)oxy*	HS-S(O)-O–	P-65.3.2.3
sulfanylsulfonodithioyl = trithiosulfo*	HS-S($S)_2$–	P-65.3.2.1
[sulfanyl(thiocarbonyl)sulfanyl](thiocarbonyl) = [(dithiocarboxy)sulfanyl]carbonothioyl* = [(sulfanylcarbonothioyl)sulfanyl]carbonothioyl {not [(dithiocarboxy)sulfanyl]thioformyl}	HS-CS-S-CS–	P-65.2.3.1.5
sulfanyl(thiophosphonoyl) = sulfanylphosphonothioyl*	HS-HP(S)–	P-67.1.4.1.1.5
sulfeno: see hydroxysulfanyl*		
sulfenyl: see sulfanediyl*		
sulfido*	$^{-}$S–	P-72.6.2
sulfinamoyl: see aminosulfinyl*		
sulfinamoyloxy: see (aminosulfinyl)oxy*		
sulfinimidoyl*	–S(=NH)–	P-65.3.2.3
sulfino* (when unmodified)	HO-S(O)–	P-65.3.0; P-65.3.2.1
sulfinothioyl*	–S(S)–	P-65.3.2.3
sulfinyl* = thionyl	–S(O)–	P-65.3.2.3
sulfinylbis(oxy)* (not sulfinyldioxy)	–O-S(O)-O–	P-65.3.2.3
sulfinyldioxy: see sulfinylbis(oxy)*		
sulfo* (when unmodified)	HO-SO_2–	P-65.3.0; P-65.3.2.1
sulfonato*	$^{-}$O-SO_2–	P-72.6.1
sulfonimidoyl* = sulfurimidoyl	–S(O)(=NH)–	P-65.3.2.3; P-67.1.4.4.1
sulfonio = sulfaniumyl* = sulfoniumyl	H_2S^{+}–	P-73.6
sulfoniumyl = sulfaniumyl* = sulfonio	H_2S^{+}–	P-73.6
sulfonodihydrazonoyl* = sulfurodihydrazonoyl	–S(=N-$NH_2)_2$–	P-65.3.2.3; P-67.1.4.4.1
sulfonodiimidoyl* = sulfurodiimidoyl	–S(=$NH)_2$–	P-65.3.2.3; P-67.1.4.4.1
sulfonodithioyl* = sulfurodithioyl	–S(=$S)_2$–	P-65.3.2.3; P-67.1.4.4.1
sulfonohydrazonoyl* = sulfurohydrazonoyl	–S(O)(=NNH_2)–	P-65.3.2.3; P-67.1.4.4.1

sulfonothioyl* = sulfurothioyl	–S(O)(S)–	P-65.3.2.3; P-67.1.4.4.1
sulfonyl* = sulfuryl	–SO_2–	P-65.3.2.3; P-67.1.4.4.1
sulfonylbis(methylene)* (not sulfonyldimethylene)	–CH_2-SO_2-CH_2–	P-65.3.2.3
sulfonylbis(oxy)* (not sulfonyldioxy)	–O-SO_2-O–	P-65.3.2.3
sulfonylbis(sulfanediyl)* (not sulfonyldisulfanediyl)	–S-SO_2-S–	P-65.3.2.3
sulfonyldimethylene: see sulfonylbis(methylene)*		
sulfonyldioxy: see sulfonylbis(oxy)*		
sulfonyldisulfanediyl: see sulfonylbis(sulfanediyl)*		
sulfooxy*	HO-SO_2-O–	P-65.3.2.3; P-67.1.4.4.2
sulfuramidoyl = sulfamoyl* = aminosulfonyl	H_2N-SO_2–	P-65.3.2.3; P-66.1.1.4.2
sulfuramidoyloxy = sulfamoyloxy*	H_2N-SO_2-O–	P-67.1.4.4.2
sulfurimidoyl = sulfonimidoyl*	–S(O)(=NH)–	P-65.3.2.3; P-67.1.4.4.1
sulfur(isothiocyanatido)thioyl = isothiocyanatosulfonothioyl*	(SCN)-S(O)(S)–	P-67.1.4.4.1
sulfur(isothiocyanatidoyl) = isothiocyanatosulfonyl*	(SCN)-SO_2–	P-67.1.4.4.1
sulfurochloridoyl = chlorosulfonyl*	Cl-SO_2–	P-65.3.2.3; P-67.1.4.4.1
sulfurochloridoyloxy = (chlorosulfonyl)oxy*	Cl-SO_2-O–	P-65.3.2.3; P-67.1.4.4.2
sulfurocyanidoyl = cyanosulfonyl*	NC-SO_2–	P-67.1.4.4.1
sulfurodihydrazonoyl = sulfonodihydrazonoyl*	–S(=NNH_2)$_2$–	P-65.3.2.3; P-67.1.4.4.1
sulfurodiimidoyl = sulfonodiimidoyl*	–S(=NH)$_2$–	P-67.1.4.4.1
sulfurodithioyl = sulfonodithioyl*	–S_2–	P-65.3.2.3; P-67.1.4.4.1
sulfurohydrazonoyl = sulfonohydrazonoyl*	–S(O)(=NNH_2)–	P-65.3.2.3; P-67.1.4.4.1
sulfurothioyl = sulfonothioyl*	–S(O)(S)–	P-65.3.2.3; P-67.1.4.4.1
sulfuryl = sulfonyl*	–SO_2–	P-65.3.2.3; P-67.1.4.4.1
tellanediyl* (not telluro)	–Te–	P-63.2.2.1.2; P-63.2.5
tellano* = epitelluro (ring forming)	–Te–	P-25.4.2.1.4; P-63.5
tellanyl* (not hydrotelluro)	HTe–	P-63.1.5
tellanylidene* = telluroxo	Te=	P-29.3.1; P-64.6.1; P-66.6.3
tellanylidenemethyl = methanetelluroyl* = telluroformyl	HC(Te)–	P-65.1.7.2.3; P-66.6.3
tellureno: see hydroxytellanyl*		
tellurino* (unmodified)	HO-Te(O)–	P-65.3.0; P-65.3.2.1
tellurinyl*	–Te(O)–	P-65.3.2.3
telluro: see tellanediyl*		
tellurocyanato* = carbononitridoyltellanyl	NC-Te–	P-65.2.2

telluroformyl = methanetelluroyl* = tellanylidenemethyl	HC(Te)–	P-65.1.7.2.3; P-66.6.3
OTe-tellurohydroperoxy = hydroxytellanyl* (not tellureno)	HO-Te–	P-63.4.2.2
tellurono* (unmodified)	HO-TeO_2–	P-63.3.0; P-65.3.2.1
telluronyl*	–TeO_2–	P-65.3.2.3
telluroxo = tellanylidene*	Te=	P-29.3.1, P-64.6.1; P-66.6.3
terephthalimidoyl = benzene-1,4-dicarboximidoyl* = 1,4-phenylenebis(iminomethylene) = 1,4-phenylenedicarbonimidoyl		P-65.1.7.3.2
terephthaloyl = benzene-1,4-dicarbonyl* = 1,4-phenylenedicarbonyl = 1,4-phenylenebis(oxomethylene)		P-65.1.7.3.1; P-65.1.7.4.2
tetraazan-1-yl*	H_2N-NH-NH-NH–	P-68.3.1.4.1
tetradecanoyl* = 1-oxotetradecyl	CH_3-$[CH_2]_{12}$-CO–	P-65.1.7.4.1
tetramethylene: see butane-1,4-diyl*		
tetrasulfanediyl* = tetrathio	–S-S-S-S–	P-68.4.1.2
tetrathio = tetrasulfanediyl*	–S-S-S-S–	P-68.4.1.2
thallanyl*	H_2Tl–	P-29.3.1; P-68.1.2
thenyl (2-isomer only): see (thiophen-2-yl)methyl*		
2-thienyl = thiophen-2-yl* (also 3-isomer)		P-29.6.2.3; P-57.1.5.3
thio: see sulfanediyl*		
thioacetamido = ethanethioamido* = (ethanethioy)amino	CH_3-CS-NH–	P-66.1.4.4
thioacetyl = ethanethioyl* = 1-sulfanylideneethyl	CH_3-CS–	P-65.1.7.2.3
thioazonoyl = azonothioyl*	HN(S)<	P-67.1.4.1.1.4
thiobenzamido = benzenecarbothioamido* = (benzenecarbothioyl)amino	C_6H_5-CS-NH–	P-66.1.4.4
thiobenzoyl = benzenecarbothioyl* = phenyl(sulfanylidene)methyl = phenyl(thioxo)methyl	C_6H_5-CS–	P-65.1.7.2.3
thioborono* = hydroxy(sulfanyl)boranyl	(HO)(HS)B–	P-68.1.4.2
thiobutyryl = butanethioyl* = 1-sulfanylidenebutyl = 1-thioxobutyl	CH_3-CH_2-CH_2-CS–	P-65.1.7.4.1
thiocarbamoyl: see carbamothioyl*		
thiocarbonyl = carbonothioyl*	–CS–	P-65.2.1.5
thiocarboxy* (unspecified)	H{S/O}C–	P-65.2.1.6
(thiocarboxy)carbonyl*	H{S/O}C-CO–	P-65.1.7.2.1; P-65.1.7.2.4
thiochlorosyl*	Cl(S)–	P-67.1.4.5

thiocyanato* = carbononitridoylsulfanyl = carbononitridoylthio	NC-S–	P-65.2.2
thiocyanatosulfanyl: see cyanodisulfanyl*		
thiodimethylene: see sulfanediylbis(methylene)*		
thioformamido = methanethioamido* = (methanethioyl)amino	HCS-NH–	P-66.1.4.4
thioformyl = methanethioyl* = sulfanylidenemethyl	HCS–	P-65.1.7.2.3; P-66.6.3
OS-thiohydroperoxy = hydroxysulfanyl* (not hydroxythio, not sulfeno)	HOS–	P-63.4.2.2
SO-thiohydroperoxy = sulfanyloxy* (not mercaptooxy)	HS-O–	P-63.4.2.2
(*OS*-thiohydroperoxy)carbonoselenoyl = (hydroxysulfanyl)carbonoselenoyl*	(HOS)-C(Se)–	P-65.2.1.7
(thiohydroperoxy)carbonyl = carbono(thioperoxoyl)*	(HOS)-CO– or (HSO)-CO–	P-65.1.5.3; P-65.2.1.7
(*OS*-thiohydroperoxy)carbonyl = (hydroxysulfanyl)carbonyl*	(HOS)-CO–	P-65.1.5.3; P-65.2.1.7
[(*SO*-thiohydroperoxy)carbonyl]oxy = [(sulfanyloxy)carbonyl]oxy*	(HSO)-CO-O–	P-65.2.1.7
(*OS*-thiohydroperoxy)phosphorothioyl = (hydroxysulfanyl)phosphorothioyl*	(HOS)-P(S)<	P-67.1.4.1.1.4; P-67.1.4.1.1.5
(thiohydroperoxy)phosphoryl = phosphoro(thioperoxoyl)* = (thioperoxy)phosphoryl	(HSO)-P(O)< or (HOS)-P(O)<	P-67.1.4.1.1.4
(*SO*-thiohydroperoxy)phosphoryl = (sulfanyloxy)phosphoryl*	(HSO)-P(O)<	P-67.1.4.1.1.5
thionitroso = sulfanylideneamino* = thioxoamino	S=N–	P-67.1.4.3.2
(thionitroso)sulfanyl = (sufanylideneamino)sulfanyl* = (thioxoamino)sulfanyl	S=N-S–	P-67.1.4.3.2
thionyl = sulfinyl*	–S(O)–	P-65.3.2.3
2-thiooxalo: see hydroxy(sulfanylidene)acetyl*		
(thioperoxy)phosphoryl = phosphoro(thioperoxoyl)* = (thiohydroperoxy)phosphoryl	(HSO)-P(O)< or (HOS)-P(O)<	P-67.1.4.1.1.4
thiophen-2-yl* = 2-thienyl (also 3- isomer)		P-29.6.2.3; P-57.1.5.3
(thiophen-2-yl)methyl* (not thenyl)		P-29.6.3
thiophosphinoyl = phosphinothioyl* = dihydrophosphorothioyl	$H_2P(S)$–	P-67.1.4.1.1.4; P-67.1.4.1.2
thiophosphono* (unspecified)	(HO)(HS)P(O)– or $(HO)_2P(S)$–	P-67.1.4.1.1.1
thiophosphoryl = phosphorothioyl*	–P(S)<	P-67.1.4.1.1.4
thiopropionyl = propanethioyl* = 1-sulfanylidenepropyl = 1-thioxopropyl	CH_3-CH_2-CS–	P-65.1.7.4.1
thiosulfeno: see disulfanyl*		
thiosulfino* (unspecified)	H{S/O}S–	P-65.3.2.1
thiosulfo* (unspecified)	HO_2S_2–	P-65.3.2.1
thioxo = sulfanylidene*	S=	P-29.3.1; P-64.6.1

thioxoamino = thionitroso = sulfanylideneamino*	S=N–	P-67.1.4.3.2
(thioxoamino)sulfanyl = (sulfanylideneamino)sulfanyl* = (thionitroso)sulfanyl	S=N-S–	P-67.1.4.3.2
1-thioxobutyl = butanethioyl* = 1-sulfanylidenebutyl = thiobutyryl	CH_3-CH_2-CH_2-CS–	P-65.1.7.4.1
thioxomethylidene = sulfanylidenemethylidene*	S=C=	P-65.2.1.8
1-thioxopropyl = propanethioyl* = thiopropionyl = 1-sulfanylidenepropyl	CH_3-CH_2-CS–	P-65.1.7.4.1
o-toluidino: see 2-methylanilino* (also *m*- and *p*-isomers)		
o-tolyl = 2-methylphenyl* (also *m*- = 3- and *p*- = 4-isomers)		P-29.6.2.3; P-57.1.5.3
triazano: see triazan-1-yl*		
triazan-1-yl* (not triazano)	H_2N-NH-NH–	P-29.3.2.2; P-68.3.1.4.1
triaz-1-ene-1,3-diyl* (not diazoamino)	–N=N-NH–	P-68.3.1.4.2
triaz-2-en-1-ium-1-yl* = triaz-2-en-1-io triaz-2-en-1-io = triaz-2-en-1-ium-1-yl*		P-73.6
triaz-2-eno: see triaz-2-en-1-yl*		
triaz-2-en-1-yl* (not triaz-2-eno)	HN=N-NH–	P-32.1.1: P-68.3.1.4.1
triboran(5)-1-yl*	H_2B-BH-BH–	P-68.1.2
tricyclo[3.3.1.$1^{3,7}$]decan-2-yl = adamantan-2-yl* = 2-adamantyl (also 1-isomer)	$C_{10}H_{15}$–	P-29.6.2.3
trihydroxysilyl*	$(HO)_3Si$–	P-67.1.4.2
trimethoxysilyl*	$(CH_3O)_3Si$–	P-67.1.4.2
trimethylene: see propane-1,3-diyl*		
trioxidanediyl* = trioxy	–O-O-O–	P-68.4.1.2
trioxidanyl* = hydrotrioxy	HO-O-O–	P-68.4.1.3
trioxy = trioxidanediyl*	–O-O-O–	P-68.4.1.2
triphenylmethyl* = trityl (unsubstituted)	$(C_6H_5)_3C$–	P-29.6.2.2
triselanediyl*= triseleno	–Se-Se-Se–	P-68.4.1.2
triselanyl* = hydrotriseleno	HSeSeSe–	P-68.4.1.3
triseleno = triselanediyl	–Se-Se-Se–	P-68.4.1.2
trisilan-2-yl*	$(SiH_3)_2SiH$–	P-29.3.2.2
trisilazan-3-yl: see bis(silylamino)silyl*		
trisiliranyl* = cyclotrisilanyl		P-68.2.2
trisulfanediyl* = trithio	–S-S-S–	P-68.4.1.2

trisulfanyl* = hydrotrithio	HS-S-S–	P-68.4.1.3
tritellanediyl*= tritelluro	–Te-Te-Te–	P-68.4.1.2
tritellanyl* = hydrotritelluro	HTe-Te-Te–	P-68.4.1.3
tritelluro = tritellanediyl*	–Te-Te-Te–	P-68.4.1.2
trithio = trisulfanediyl*	–S-S-S–	P-68.4.1.2
trithiooxalo = sulfanyl(sulfanylidene)ethanethioyl* = sulfanylbis(sulfanylidene)ethyl	HS-CS-CS–	P-65.1.7.2.4; P-65.1.7.3.3
trithiophosphono*	$(HS)_2P(S)$–	P-67.1.4.1.1.1
trithiosulfo* = sulfanylsulfonodithioyl	$HS\text{-}S(S)_2$–	P-65.3.2.1
trityl (unsubstituted) = triphenylmethyl*	$(C_6H_5)_3C$–	P-29.6.2.2
undecan-1-yl = undecyl*	$CH_3\text{-}[CH_2]_9\text{-}CH_2$–	P-29.3.2.1; P-29.3.2.2
undecyl* = undecan-1-yl	$CH_3\text{-}[CH_2]_9\text{-}CH_2$–	P-29.3.2.1; P-29.3.2.2
ureido: see carbamoylamino*		
ureylene: see carbonylbis(azanediyl)*		
vinyl = ethenyl*	CH_2=CH–	P-32.3
vinylidene: see ethenylidene*		
vinylidene = ethenylidene*	CH_2=C=	P-32.3
2,3-xylidino: see 2,3-dimethylanilino*		
yloamino* = yloazanyl	$HN^{\bullet}$–	P-71.5
yloazanyl = yloamino*	$HN^{\bullet}$–	P-71.5
yloformyl*	$O{=}C^{\bullet}$–	P-71.5
ylohydroxy: see ylooxidanyl*		
ylomethyl*	$H_2C^{\bullet}$–	P-71.5
ylooxidanyl* = ylooxy (not ylohydroxy)	$^{\bullet}O$–	P-71.5
(ylooxidanyl)formyl = oxylcarbonyl*	$^{\bullet}O\text{-}CO$–	P-71.5
ylooxy = ylooxidanyl* (not ylohydroxy)	$^{\bullet}O$–	P-71.5