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Verbindungen mit einem Stickstoff-Ringatom

A—H

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Verzeichnis der in systematischen Namen verwendeten Präfixe

Erläuterungen

B = Brückenpräfix (s. im Vorwort zum Sachregister).

L = Bezeichnung für einen Komplex-Liganden.

Z = Zusammengesetztes Substitutionspräfix, d. h. Präfix, dessen Vervielfachung durch die Affixe Bis-, Tris-, Tetrakis- usw. gekennzeichnet wird.

Namen in *Kursivschrift* werden im Beilstein-Handbuch nicht mehr verwendet. Für die Verwendung einzelner Präfixe gelten die folgenden Einschränkungen:

1 Nur unsubstituiert zu verwenden.
2 Nicht mit Kohlenstoff-Resten (d.h. Resten, deren freie Valenz sich an einem Kohlenstoff-Atom befindet) substituierbar.
3 Im acyclischen Teil nicht mit Kohlenstoff-Resten substituierbar.
4 Nur an Ringatomen substituierbar.
5 Am Kohlenstoff-Gerüst nicht mit acyclischen Kohlenstoff-Resten substituierbar.
6 Nur am (an den) Heteroatom(en) substituierbar.
7 Am (an den) Heteroatom(en) nicht substituierbar
8 Nur an Heteroatomen zugelassen.
9 Nur an Kohlenstoff-Atomen zugelassen.

Index of the Prefices used in Systematic Nomenclature

Explanations

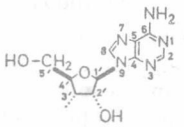
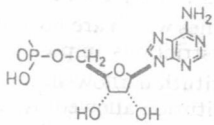
B = Bridge Prefix (see foreword to Subject Index).

L = Symbol for a ligand in a complex.

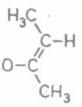
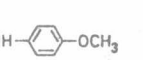
Z = Composed Substitutive Prefix; i.e., prefix, multiples of which are indicated by the addition of bis-, tris-, tetrakis- and so on.

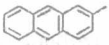
Italics designate names which are no longer used in the Beilstein Handbook. The following numbers refer to restrictions imposed on the application of the prefix concerned:

1 No further substitution allowed, i.e., not to be used as the stem of a composed prefix.
2 No further substitution allowed by carbon radicals (i.e., by radicals whose free valency is located at a carbon atom).
3 No further substitution allowed in the acyclic fragment.
4 Further substitution allowed only in the cyclic fragment(s).
5 No further substitution by acyclic carbon radicals at skeletal carbon atoms.
6 No further substitution allowed except at the heteroatom(s).
7 No further substitution allowed except at carbon atoms.
8 Only allowed as a substituent at a heteroatom.
9 Only allowed as a substituent at a carbon atom.

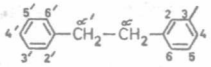
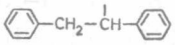
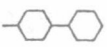
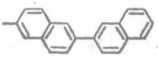
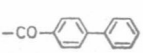
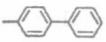
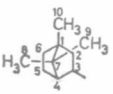
Präfix/Prefix	Formel/Formula	Bemerkungen
Acetalyl	= 2,2-Diäthoxy-äthyl	
Acetamido	= Acetylamino	
Acetamino	= Acetylamino	
Acetato	$CH_3–CO–O^{\ominus}$	L
Acetatomercurio	$–Hg–O–CO–CH_3$	Z
Acetimidoyl s. a. 1-Imino-äthyl	$–\overset{1}{C}(\overset{2}{CH_3})=NH$	Z, 8
Acetoacetyl	$–\overset{1}{CO}–\overset{2}{CH_2}–\overset{3}{CO}–\overset{4}{CH_3}$	Z
Acetoacetyloxy	$–O–CO–CH_2–CO–CH_3$	Z
Acetohydrazonoyl s. a. 1-Hydrazono-äthyl	$–C(CH_3)=N–NH_2$	Z, 8
Acetohydroximoyl s. a. 1-Hydroxyimino-äthyl	$–C(CH_3)=N–OH$	Z, 7, 8
Acetonyl	$–CH_2–CO–CH_3$	1
Acetonyliden	$=CH–CO–CH_3$	1
Acetoxomercurio	= Acetatomercurio	
Acetoxy	$–O–CO–CH_3$	
Acetyl	$–\overset{1}{CO}–\overset{2}{CH_3}$	5
Acetylamino	$–NH–CO–CH_3$	Z
Acetylenyl	= Äthinyl	
Acetylimino	$=N–CO–CH_3$	Z
Acetylmercapto	$–S–CO–CH_3$	Z, 9
Acetylperoxy	$–O–O–CO–CH_3$	Z
Acryloyl	$–CO–CH=CH_2$	
Adenosinyl z. B. Adenosin-3′-yl		
Adenylyl z. B. [5′]Adenylyl		
Adipoyl	$–CO–CH_2–CH_2–CH_2–CH_2–CO–$	
Äthandioyl	= Oxalyl	
Äthandiyl	$–CH_2–CH_2–$	
Äthandiyldioxy	$–O–CH_2–CH_2–O–$	Z
Äthandiyliden	$=CH–CH=$	
Äthano	$–CH_2–CH_2–$	B
Äthanoyl	= Acetyl	
Äthanselenenyl s. a. Äthylselanyl	$–Se–C_2H_5$	Z, 8
Äthanseleninyl	$–SeO–C_2H_5$	Z
Äthanselenonyl	$–SeO_2–C_2H_5$	Z

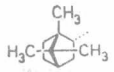
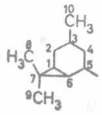
Präfix/Prefix	Formel/Formula	Bemerkungen
Äthansulfenyl s. a. Äthylmercapto	$-S-C_2H_5$	Z, 8
Äthansulfinyl	$-SO-C_2H_5$	Z
Äthansulfonyl	$-SO_2-C_2H_5$	Z
Äthanthiolato	$C_2H_5-S^{\ominus}$	L
Äthantriyl z. B. Äthan-1,1,2-triyl	$-CH_2-CH<$	
Äthanylyliden	$-CH_2-CH=$	
Äthendiyl	$-CH=CH-$	
Ätheno	$-CH=CH-$	B
Äthensulfonyl	$-SO_2-CH=CH_2$	Z
Äthenyl	= Vinyl	
Äthindiyl	$-C\equiv C-$	
Äthinsulfonyl	$-SO_2-C\equiv CH$	Z
Äthinyl	$-C\equiv CH$	
Äthinylen	= Äthindiyl	
Äthoxalyl	= Äthoxyoxalyl	
Äthoxo	$C_2H_5-O^{\ominus}$	L
Äthoxy	$-O-C_2H_5$	
Äthoxyarsinoyl	$-AsH(O)-OC_2H_5$	Z
Äthoxycarbimidoyl	$-C(OC_2H_5)=NH$	Z, 1
Äthoxycarbohydroximoyl	$-C(OC_2H_5)=NOH$	Z, 1
Äthoxycarbonyl	$-CO-OC_2H_5$	Z
Äthoxycarbonylamino	$-NH-CO-OC_2H_5$	Z
Äthoxyoxalyl	$-CO-CO-OC_2H_5$	Z
Äthoxyphosphinoyl	$-PH(O)-OC_2H_5$	Z
Äthoxythiocarbonylmercapto	$-S-CS-OC_2H_5$	Z
Äthyl	$-C_2H_5$	
Äthylamino	$-NH-C_2H_5$	Z
Äthylazo	$-N=N-C_2H_5$	Z
Äthyldisulfanyl	$-S-S-C_2H_5$	Z
Äthyldithio	= Äthyldisulfanyl	
Äthylen	= Äthandiyl	
Äthylendioxy	= Äthandiyldioxy	
Äthylensulfonyl	= Äthensulfonyl	
Äthyliden	$=CH-CH_3$ und $>CH-CH_3$	
Äthylidendioxy	$-O-CH(CH_3)-O-$	Z
Äthylidin (*Äthylidyn*)	= Äthan-1,1,1-triyl	
Äthylimino	$=N-C_2H_5$	Z
Äthylmercapto s. a. Äthansulfenyl	$-S-C_2H_5$	Z, 9
Äthylmercaptocarbonyl	$-CO-S-C_2H_5$	Z

Präfix/Prefix	Formel/Formula	Bemerkungen
Äthylperoxy	$-O-O-C_2H_5$	Z
Äthylselanyl s. a. Äthanselenenyl	$-Se-C_2H_5$	Z, 9
Äthylsulfin	= Äthansulfinyl	
Äthylsulfinyl	= Äthansulfinyl	
Äthylsulfon	= Äthansulfonyl	
Äthylsulfonyl	= Äthansulfonyl	
Äthyltellanyl	$-Te-C_2H_5$	Z
Äthylthio	= Äthylmercapto	
Äthylxanthogen	= Äthoxythiocarbonylmercapto	
Alanin-*N*-yl	$-NH-CH(CH_3)-CO-OH$	6
Alanyl	$-CO-CH(NH_2)-CH_3$	6
β-Alanyl	$-CO-CH_2-CH_2-NH_2$	6
Alloisoleucyl	$-CO-CH(NH_2)-CH(CH_3)-C_2H_5$ (*threo*)	6
Allophanoyl	$-\overset{1}{C}O-\overset{2}{N}H-\overset{3}{C}O-\overset{4}{N}H_2$	
Allothreonyl	$-CO-CH(NH_2)-CH(OH)-CH_3$ (*erythro*)	6
Allyl	$-CH_2-CH=CH_2$	
Allyliden	$=CH-CH=CH_2$	
Aluminio	$-Al^{2+}$	
Amidino	= Carbamimidoyl	
Amido	NH_2	L
Amino	$-NH_2$	
Aminocarbonyl	= Carbamoyl	
Aminoformyl	= Carbamoyl	
Aminomercapto	$-S-NH_2$	Z
Aminomethyl	$-CH_2-NH_2$	Z
Aminooxalyl	$-CO-CO-NH_2$	Z
Aminooxy	$-O-NH_2$	Z
Ammin	NH_3	L
Ammonio	$-N\leqslant\ ]^+$	
Amyl	= Pentyl (oder Isopentyl)	
tert-*Amyl*	= *tert*-Pentyl	
Angeloyl		1
Anilino	$-NH-C_6H_5$	
Anilinoformyl	= Phenylcarbamoyl	
Anisidino z. B. *p*-Anisidino		6
Anisoyl	= Methoxybenzoyl	

Präfix/Prefix	Formel/Formula	Bemerkungen
Anisyl	= Methoxyphenyl oder Methoxybenzyl	
Anthracencarbonyl	–CO– 	Z
Anthrachinonyl	= 9,10-Dioxo-9,10-dihydro-anthryl	
Anthraniloyl		6
Anthroyl	= Anthracencarbonyl	
Anthryl z. B. [2]Anthryl		
Anthrylen	= Anthracendiyl	
Antipyryl	= 1,5-Dimethyl-3-oxo-2-phenyl-2,3-dihydro-1*H*-pyrazol-4-yl	
Antimonio z. B. Antimonio(4+)	$-Sb^{4+}$	
Aqua	H_2O	L
Arachinoyl	= Eicosanoyl	
Arginyl	$-CO-CH(\overset{\alpha}{N}H_2)-[CH_2]_3-\overset{\delta}{N}H-\overset{\omega}{C}(NH_2)=\overset{\omega'}{N}H$	6
Arsa	bedeutet Austausch von CH gegen As	
Arsenoso	–AsO	
Arsinico	= Hydroxyarsoryl	
Arsino	$-AsH_2$	
Arsinothioyl	= Thioarsinoyl	
Arsinoyl	$-AsH_2O$	
Arso	$-AsO_2$	
Arsonio	$-As\in]^+$	
Arsono	$-AsO(OH)_2$	1
Arsonoso	= Hydroxyarsinoyl	
Arsoranyl	$-AsH_4$	
Arsoranyliden	$=AsH_3$	
Arsoryl	–As(O)<	
Asaryl	= 2,4,5-Trimethyl-benzyl	
Asparaginyl	$-CO-CH(\overset{2}{N}H_2)-CH_2-CO-\overset{4}{N}H_2$	6
Aspartoyl	$-CO-CH(NH_2)-CH_2-CO-$	6
α-Aspartyl	$-CO-CH(NH_2)-CH_2-COOH$	6
β-Aspartyl	$-CO-CH_2-CH(NH_2)-COOH$	6
Atropoyl	$-CO-C(C_6H_5)=CH_2$	1
Aza	bedeutet Austausch von CH gegen N	
Azaäthano	$-NH-CH_2-$	B
1-Aza-bicyclo[2.2.2]octyl	= Chinuclidinyl	
8-Aza-bicyclo[3.2.1]octyl	= Nortropanyl	
Azantriyl	>N–	

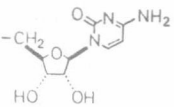
Präfix/Prefix	Formel/Formula	Bemerkungen
Azanylyliden	=N–	
[1]Azapropano	–NH–CH_2–CH_2–	B
[2]Azapropano	–CH_2–NH–CH_2–	B
Azelaoyl	= Nonandioyl	
Azido	–N_3	
Azino s. a. Epazino	=N–N=	
Azo s. a. Epazo	–N=N–	
Azobenzolcarbonyl	= Phenylazobenzoyl	
Azonia	bedeutet Austausch von C gegen N^+	
Azoxy	–N(O)=N–	
Behenoyl	= Docosanoyl	
Benzal	= Benzyliden	
Benzamido	= Benzoylamino	
Benzamino	= Benzoylamino	
Benzendiyl	= Phenylen	
o-Benzeno		B
Benzenthiolato	C_6H_5–$S^{\ominus}$	L
Benzentriyl z. B. Benzen-1,2,4-triyl		
Benzhydryl	–$\overset{\alpha}{C}H(C_6H_5)_2$	3
Benzhydryliden	=$C(C_6H_5)_2$	
Benzidino	= 4′-Amino-biphenyl-4-ylamino	
Benziloyl	–CO–$C(C_6H_5)_2$–OH	4
Benzimidoyl s. a. α-Imino-benzyl	–$C(C_6H_5)$=NH	Z, 8
Benz[...]*indenyl*	= Cyclopenta[...]naphthalinyl	
Benz[...]*indolizinyl*	= Pyrido[...]indolyl	
Benzo[...]*chinolizinyl*	= Pyrido[...]chinolinyl oder Pyrido[...]isochinolinyl	
Benzochinonyl	= Dioxocyclohexadienyl	
Benzo[...]*dipyranyl*	= Pyrano[...]chromenyl oder Pyrano[...]isochromenyl	
Benzohydrazonoyl	–$C(C_6H_5)$=N–NH_2	Z, 8
Benzohydroximoyl	–$C(C_6H_5)$=N–OH	Z, 7, 8
Benzolazo	= Phenylazo	
Benzolazoxy	= Phenylazoxy	
Benzolsulfenyl s.a. Phenylmercapto	–S–C_6H_5	Z, 8
Benzolsulfinyl	–SO–C_6H_5	Z
Benzolsulfonyl	–SO_2–C_6H_5	Z

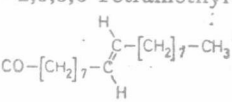
Präfix/Prefix	Formel/Formula	Bemerkungen
Benzo[b]*pyranyl* (*1-Benzopyranyl*)	= Chromenyl	
Benzo[c]*pyranyl* (*2-Benzopyranyl*)	= Isochromenyl	
Benzo[a]*pyrenyl*	= Benzo[*def*]chrysenyl	
Benzoyl	–CO–C_6H_5	
Benzoylamino	–NH–CO–C_6H_5	Z
Benzoylmercapto	–S–CO–C_6H_5	Z, 9
Benzoyloxy	–O–CO–C_6H_5	Z
Benzyl	–CH_2–C_6H_5	3
Benzylamino	–NH–CH_2–C_6H_5	Z, 3
Benzyliden	=CH–C_6H_5 und >CH–C_6H_5	3
Benzylidendioxy	–O–CH(C_6H_5)–O–	Z, 4
Benzylidin (*Benzylidyn*)	= Phenylmethantriyl oder Phenylmethanylyliden	
Benzylmercapto	–S–CH_2–C_6H_5	Z, 3, 9
Benzyloxy	–O–CH_2–C_6H_5	Z, 3
Benzyloxycarbonyl	–CO–O–CH_2–C_6H_5	Z, 3
Bibenzylyl z. B. Bibenzyl-3-yl,		Z, 3
Bibenzyl-α-yl		
Bicyclo[*2.2.1*]*heptyl*	= Norbornyl	
Bicyclo[*3.1.1*]*heptyl*	= Norpinanyl	
Bicyclo[*4.1.0*]*heptyl*	= Norcaranyl	
Bicyclohexylyl z. B. Bicyclohexyl-4-yl		Z
Binaphthylyl z. B. [2,2′]Binaphthyl-6-yl		Z
Biphenylcarbonyl z. B. Biphenyl-4-carbonyl		Z
Biphenylyl z. B. Biphenyl-4-yl		Z
Biphenylylmethyl	= Phenylbenzyl	
Bismutino	–BiH_2	
Bismutio	–Bi^{2+}	
Biureylen	–NH–CO–NH–NH–CO–NH–	
Bora	bedeutet Austausch von CH gegen B	
Borantriyl	>B–	
Boranyl	= Boryl	
Bornanyl z. B. Bornan-3-yl		2

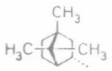
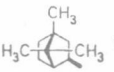
Präfix/Prefix	Formel/Formula	Bemerkungen
Bornyl	 und Spiegelbild	2
Borono	= Dihydroxyboryl	
Boryl	$-BH_2$	
Brassidinoyl	= Docos-13*t*-enoyl	
Brom	–Br	
Bromo	$Br^{\ominus}$	L
Brosyl	= 4-Brom-benzolsulfonyl	
Butandioyl	= Succinyl	
Butandiyl	$-CH_2-CH_2-CH_2-CH_2-$	
Butano	$-CH_2-CH_2-CH_2-CH_2-$	B
Butanoyl	= Butyryl	
Butendioyl s.a. Fumaroyl und Maleoyl	–CO–CH=CH–CO–	
But-1-eno	$-CH=CH-CH_2-CH_2-$	B
But-2-eno	$-CH_2-CH=CH-CH_2-$	B
But-2-enoyl	= Crotonoyl	
But-3-enoyl	$-CO-CH_2-CH=CH_2$	
Butenyl z.B. But-2-enyl	$-CH_2-CH=CH-CH_3$	
Butoxy	$-O-CH_2-CH_2-CH_2-CH_3$	
sec-Butoxy	$-O-CH(CH_3)-CH_2-CH_3$	1
tert-Butoxy	$-O-C(CH_3)_3$	1
Butyl	$-CH_2-CH_2-CH_2-CH_3$	
sec-Butyl	$-CH(CH_3)-CH_2-CH_3$	1
tert-Butyl	$-C(CH_3)_3$	1
Butyliden	$=CH-CH_2-CH_2-CH_3$	
Butyloxy	= Butoxy	
Butyryl	$-CO-CH_2-CH_2-CH_3$	
Camphanyl	= Bornanyl	
Campheroyl	= 1,2,2-Trimethyl-cyclopentan-1,3-dicarbonyl	
Campheryl	= 2-Oxo-bornanyl	
Caprinoyl	= Decanoyl	
Caproyl	= Hexanoyl	
Capryloyl	= Octanoyl	
Caranyl z. B. Caran-5-yl		2
Carbäthoxy	= Äthoxycarbonyl	

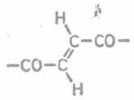
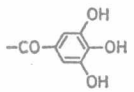
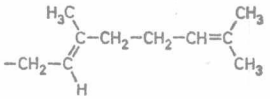
Präfix/Prefix	Formel/Formula	Bemerkungen
Carbamido	= Ureido	
Carbamimidoyl	$-C(NH_2)=NH$	Z
Carbamimidoylamino	= Guanidino	
Carbamoyl	$-CO-NH_2$	
Carbamoylacetyl	= Malonamoyl	
Carbamoylamino	= Ureido	
2-Carbamoyl-benzoyl	= Phthalamoyl	
Carbamoylcarbamoyl	= Allophanoyl	
3-Carbamoyl-propionyl	= Succinamoyl	
Carbanilino	= Phenylcarbamoyl	
Carbaniloyl	= Phenylcarbamoyl	
Carbazido	= Carbonohydrazido	
Carbazono	$-\overset{1}{N}H-\overset{2}{N}H-\overset{3}{C}O-\overset{4}{N}=\overset{5}{N}H$	
Carbazoyl	$-\overset{1}{C}O-\overset{2}{N}H-\overset{3}{N}H_2$	
Carbimidoyl	$-C(=NH)-$	7
Carbobenzoxy	= Benzyloxycarbonyl	
Carbonato	$CO_3^{2\ominus}$	L
Carbonohydrazido	$-\overset{1}{N}H-\overset{2}{N}H-\overset{3}{C}O-\overset{4}{N}H-\overset{5}{N}H_2$	Z
Carbonyl	$-CO-$	
Carbonyldioxy	$-O-CO-O-$	Z
Carboxy	$-CO-OH$	1
Carboxyacetyl	$-CO-CH_2-CO-OH$	Z
Carboxyamino	$-NH-CO-OH$	Z
Carboxymercapto	$-S-CO-OH$	Z, 9
Carboxymethyl	$-CH_2-CO-OH$	Z
Carboxyoxy	$-O-CO-OH$	Z
Carvacryl	= 5-Isopropyl-2-methyl-phenyl	
Caryl	= Caranyl	
Cathyl	= Äthoxycarbonyl	
Cetyl	= Hexadecyl	
Chinaldyl	= [2]Chinolylmethyl	
Chinolinio		
Chinoliniumyl z. B. Chinolinium-4-yl		
Chinolyl (Chinolinyl) z. B. [3]Chinolyl oder 2*H*-[1]Chinolyl	 bzw. 	
Chlor	$-Cl$	

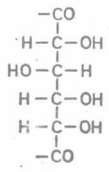
Präfix/Prefix	Formel/Formula	Bemerkungen
Chloramino	–NH–Cl	Z
Chlorarsinoyl	–AsH(O)–Cl	Z
Chlorcarbonyl	–CO–Cl	Z
Chlorformyl	= Chlorcarbonyl	
Chlor-hydroxy-arsino	= Chlorarsinoyl	
Chlor-hydroxy-phosphino	= Chlorphosphinoyl	
Chlormercapto	–S–Cl	Z
Chlormethyl	$-CH_2-Cl$	Z
Chlormethyl-amino	$-NH-CH_2Cl$	Z
Chlor-methyl-amino	$-N(Cl)-CH_3$	Z
Chloro	$Cl^{\ominus}$	L
Chloromercurio	–HgCl	Z
Chlorosyl	–ClO	
Chloroxalyl	–CO–CO–Cl	Z
Chlorphosphinoyl	–PH(O)–Cl	Z
Chlorsulfinyl	–SO–Cl	Z
Chlorsulfonyl	$-SO_2-Cl$	Z
Chloryl	$-ClO_2$	
Cholesteryl	$-(C_{27}H_{45})$	1
Chroma	bedeutet Austausch von CH_2 gegen Cr	
Chromanyl		
Chromenyl z. B. 2*H*-Chromen-3-yl		
Cinnamoyl	$-CO-\overset{\alpha}{C}H=\overset{\beta}{C}H-C_6H_5$	3
Cinnamyl	$-\overset{\alpha}{C}H_2-\overset{\beta}{C}H=\overset{\gamma}{C}H-C_6H_5$	3
Cinnamyliden	$=CH-CH=CH-C_6H_5$	3
Citraconoyl	= Methylmaleoyl	
Citronellyl	= 3,7-Dimethyl-oct-6-enyl	
Citryl	= Geranyl und Neryl	
Cresyl	= Hydroxy-methyl-phenyl oder Tolyl	
Crotonoyl	$-CO-CH=CH-CH_3$	
Crotyl	= But-2-enyl	
Cumarinyl	= 2-Oxo-2*H*-chromenyl	
Cumaronyl	= Benzofuranyl	
Cumenyl	= Isopropylphenyl	
Cuminyl	= 4-Isopropyl-benzyl	
Cyan	–CN	
Cyanato	–OCN	
Cyano	$CN^{\ominus}$	L

Präfix/Prefix	Formel/Formula	Bemerkungen
Cyclobutyl		
Cyclohexadienyl z. B. Cyclohexa-2,5-dienyl		
Cyclohexancarbonyl		Z
Cyclohexandiyl z. B. Cyclohexan-1,2-diyl		
Cyclohexenyl z. B. Cyclohex-2-enyl		
Cyclohexyl		
Cyclohexylcarbonyl	= Cyclohexancarbonyl	
Cyclohexyliden		
Cyclopentano		B
Cyclopentyl		
Cymyl	= Isopropyl-methyl-phenyl	
Cystathionyl	–CO–CH(NH_2)–CH_2–CH_2 S –CO–CH(NH_2)–CH_2	6
Cysteinyl	–CO–CH(NH_2)–CH_2SH	6
Cystein-*S*-yl	–S–CH_2–CH(NH_2)–CO–OH	6
Cysteyl	–CO–CH(NH_2)–CH_2–SO_2–OH	6
Cystyl	–CO–CH(NH_2)–CH_2–S –CO–CH(NH_2)–CH_2–S	6
Cytidinyl z. B. Cytidin-5′-yl		
Decandioyl	–CO–$[CH_2]_8$–CO–	
Decanoyl	–CO–$[CH_2]_8$–CH_3	Z
Decyl	–CH_2–$[CH_2]_8$–CH_3	Z
6-Desoxy-galactosyl	= Fucosyl	
6-Desoxy-mannosyl	= Rhamnosyl	
Desyl	= α′-Oxo-bibenzyl-α-y	
Deuterio	–D	
Diacetoxyjodanyl	–I(O–C°O–CH_3)$_2$	Z
Diacetylamino	–N(CO–CH_3)$_2$	Z
Diäthoxyarsoryl	–AsO(OC_2H_5)$_2$	Z
Diäthoxyphosphoryl	–PO(OC_2H_5)$_2$	Z
Diäthoxythiophosphoryl	–PS(OC_2H_5)$_2$	Z
Diäthylamino	–N(C_2H_5)$_2$	Z
Diäthylaminomethyl	–CH_2–N(C_2H_5)$_2$	Z
Diarsanyl	–AsH–AsH_2	Z

Präfix/Prefix	Formel/Formula	Bemerkungen
Diarsinyl	= Diarsanyl	
Diazenyl	–N=NH	Z
Diazo	–N≡N	Z
Diazoamino	= Triazen-1,3-diyl	
Diazonio	$-N_2^+$	Z
Dibenz[a,c]*anthracenyl*	= Benzo[*b*]triphenylenyl	
Dibenzo[...]*pyranyl*	= Benzo[...]chromenyl	
Diboran(6)-yl	$-B_2H_5$	Z
Dichlorjod	= Dichlorjodanyl	
Dichlorjodanyl	$-ICl_2$	Z
Dichlorphosphoryl	$-POCl_2$	Z
Diglycyl	= *N*-Glycyl-glycyl	
1,3-Dihydro-isobenzofuranyl	= Phthalanyl	
Dihydroxyarsino	= Hydroxyarsinoyl	
Dihydroxyphosphino	= Hydroxyphosphinoyl	
Dimethylaminomethyl	$-CH_2-N(CH_3)_2$	Z
Dioxy	= Peroxy	
Diphenoyl		
1,2-Diphenyl-äthyl	= Bibenzyl-α-yl	
Diphenylmethyl	= Benzhydryl	
1,2-Diphenyl-vinyl	= Stilben-α-yl	
Diphosphanyl	–PH–PH_2	Z
Diphosphinyl	= Diphosphanyl	
Diphosphoryl	$>\overset{1}{P}(O)-\overset{\mu}{O}-\overset{2}{P}(O)<$	
Diselandiyl	–Se–Se–	
Diselanyl	–Se–SeH	Z
Diselenido	$Se_2^{2\ominus}$	L
Disilanyl	$-SiH_2-SiH_3$	Z
Disulfandiyl s. a. Disulfido	–S–S–	
Disulfanyl	–S–SH	Z
Disulfido	$S_2^{2\ominus}$	L
Disulfuryl	$-SO_2-O-SO_2-$	
Dithio	= Disulfandiyl	
Dithiocarboxy	–CS–SH	Z, 1
Dodecanoyl s. a. Lauroyl	$-CO-[CH_2]_{10}-CH_3$	
Duryl	= 2,3,5,6-Tetramethyl-phenyl	
Elaidoyl		1

Präfix/Prefix	Formel/Formula	Bemerkungen
Epazino	=N–N=	B
Epazo	–N=N–	B
Epibornyl	 und Spiegelbild	2
Epidiimino	–NH–NH–	B
Epidioxido	–O–O–	B
Epidioxy	–O–O–	
Epidisulfido	–S–S–	B
Epidithio	= Disulfandiyl	
Epiisobornyl	 und Spiegelbild	2
Epimino	–NH–	B
Episelenido	–Se–	B
Episeleno	–Se–	
Episulfido	–S–	B
Episulfinyl	–S(O)–	
Episulfonyl	$–SO_2–$	
Epithio s. a. Sulfandiyl	–S–	
Epoxido	–O–	B
Epoxy	–O–	
Epoxyäthyl	= Oxiranyl	
Epoxymethano	= Oxaäthano	
Erucaoyl	= Docos-13*c*-enoyl	
Farnesyl	= 3,7,11-Trimethyl-dodeca-2,6,10-trienyl	
Flavanyl	= 2-Phenyl-chromanyl	
Flavenyl	= 2-Phenyl-chromenyl	
Fluor	–F	
Fluoro	$F^{\ominus}$	L
Formamido	= Formylamino	
Formamino	= Formylamino	
Formazano z.B. [5]Formazano	$–\overset{5}{N}H–\overset{4}{N}=\overset{3}{C}H–\overset{2}{N}=\overset{1}{N}H$	
Formazanyl	$–C(N=\overset{1}{N}H)=N–\overset{5}{N}H_2$	
Formazyl	= 1,5-Diphenyl-formazanyl	
Formimidoyl s. a. Iminomethyl	–CH=NH	Z, 6, 8
Formohydrazonoyl	$–CH=N–NH_2$	Z, 1, 8
Formohydroximoyl	–CH=N–OH	Z, 1, 8
Formyl	–CHO	1

Präfix/Prefix	Formel/Formula	Bemerkungen
Fumaroyl		
Furancarbonyl z. B. Furan-2-carbonyl		Z
Furano	= Furo[...]ätheno	
Furfuryl		3
Furfuryliden		3
Furo[...]ätheno z. B. Furo[3,4]ätheno		B
Furo[...]propeno z. B. Furo[3,2]propeno		B
Furoyl	= Furancarbonyl	
Furyl z. B. [2]Furyl		
Galloyl		1
Gentisoyl	= 2,5-Dihydroxy-benzoyl	
Geranyl		1
Germa	bedeutet Austausch von C gegen Ge	
Germanyl	= Germyl	
Germyl	$-GeH_3$	9
Glucaryl z. B. D-Glucaryl	Formel I	
Glucityl z. B. D-Glucit-3-yl	Formel II	
Glucityliden z. B. D-Glucit-1-yliden	Formel III	
Glucofuranosyl z. B. D-Glucofuranosyl	Formel IV	
Gluconoyl z. B. D-Gluconoyl	Formel V	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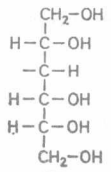
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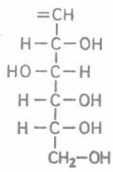
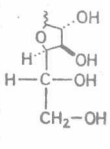

III


IV