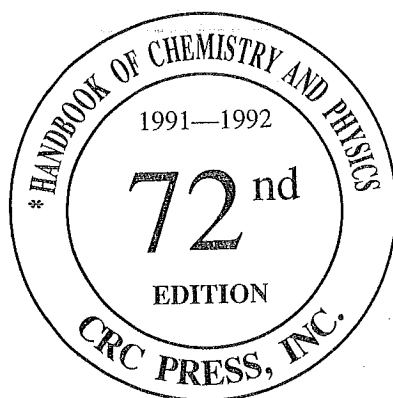


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A Ready-Reference Book of Chemical and Physical Data



Editor-in-Chief

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acetamido (acetyl amino)
acetimido (acetyl imino)
acetoacetamido
acetoacetyl
acetonyl
acetonylidene
acetyl
acrylyl
adipyl (from adipic acid)
alanyl (from alanine)
β -alanyl
allophanoyl
allyl (2-propenyl)
allylidene (2-propenylidene)
amidino (aminoiminomethyl)
amino
amyl (pentyl)
anilino (phenyl amino)
anisidino
anisyl (from anisic acid)
anthranoyl (2-aminobenzoyl)
arsino
azelaoyl (from azelaic acid)
azido
azino
azo
azoxy
benzal
benzamido (benzyl amino)
benzhydrol (diphenyl methyl)
benzimid (benzyl imino)
benzoxo (benzoyloxy)
benzoyl
benzyl
benzylidene
benzylidene
biphenyl
biphenylene
butoxy
sec-butoxy
tert-butoxy
butyl
iso-butyl (3-methylpropyl)
sec-butyl (1-methylpropyl)
tert-butyl (1,1, dimethylethyl)
butyl
caproyl (from caproic acid)
capryl (from capric acid)
caprylyl (from caprylic acid)
carbamido
carbamoyl (aminocarbonyl)
carbamyl (aminocarbonyl)
carbazoyl (hydrazinocarbonyl)
carbethoxy
carbobenzoxy
carbonyl
carboxy

Names of Radicals and Side-Chains

$\text{CH}_3\text{CONH}-$
$\text{CH}_3\text{C(=NH)}-$
$\text{CH}_3\text{COCH}_2\text{CONH}-$
$\text{CH}_3\text{COCH}_2\text{CO}-$
$\text{CH}_3\text{COCH}_2-$
$\text{CH}_3\text{COCH=}$
$\text{CH}_3\text{CO}-$
$\text{CH}_3-\text{CHCO}-$
$-\text{OC(CH}_3)_2\text{CO}-$
$\text{CH}_3\text{CH(NH}_2\text{)CO}-$
$\text{H N(CH}_3)_2\text{CO}-$
$\text{H}_2\text{NCONHCO}-$
$\text{CH}_2=\text{CHCH}_2-$
$\text{CH}_2=\text{CHCH=}$
$\text{H}_2\text{NC(=NH)}-$
$\text{H}_2\text{N}-$
$\text{CH}_3(\text{CH}_2)_n-$
$\text{C}_6\text{H}_5\text{NH}-$
$\text{CH}_3\text{OC}_6\text{H}_4\text{NH}-$
$\text{CH}_3\text{OC}_6\text{H}_4\text{CO}-$
$2-\text{H}_2\text{NC}_6\text{H}_4\text{CO}-$
AsH_2-
$-\text{OC(CH}_3)_2\text{CO}-$
N_3-
$=\text{NN=}$
$-\text{N=N-}$
$-\text{N(O)N-}$
$\text{C}_6\text{H}_5\text{CH=}$
$\text{C}_6\text{H}_5\text{CONH}-$
$(\text{C}_6\text{H}_5)_2\text{CH}-$
$\text{C}_6\text{H}_5\text{C(=NH)}-$
$\text{C}_6\text{H}_5\text{COO}-$
$\text{C}_6\text{H}_5\text{CO}-$
$\text{C}_6\text{H}_5\text{CH}_2-$
$\text{C}_6\text{H}_5\text{CH=}$
$\text{C}_6\text{H}_5\text{C=}$
$\text{C}_6\text{H}_5\text{C}_6\text{H}_4-$
$-\text{C}_6\text{H}_4\text{C}_6\text{H}_4-$
$\text{C}_6\text{H}_5\text{O}-$
$\text{C}_6\text{H}_5\text{CH(CH}_3\text{)O}-$
$(\text{CH}_3)_2\text{CO}-$
$\text{CH}_3(\text{CH}_2)_n-$
$(\text{CH}_3)_2\text{CH}-$
$\text{C}_6\text{H}_5\text{CH(CH}_3)-$
$(\text{CH}_3)_2\text{C}-$
$\text{C}_6\text{H}_5\text{CO}-$
$\text{CH}_3(\text{CH}_2)_n\text{CO}-$
$\text{CH}_3(\text{CH}_2)_n\text{CO}-$
$\text{CH}_3(\text{CH}_2)_n\text{CO}-$
$\text{H}_2\text{NCONH}-$
$\text{H}_2\text{NCO}-$
$\text{H}_2\text{NCO}-$
$\text{H}_2\text{NNHCO}-$
$\text{C}_6\text{H}_5\text{O}_2\text{C}-$
$\text{C}_6\text{H}_5\text{CH}_2\text{O}_2\text{C}-$
$-\text{C=O}-$
$\text{HOOC}-$

Stelzner system for heterocyclic com-
pounds.....
Substitutive name.....
Subtractive name.....
Systematic name.....
Terpenes.....
Tetrakis, use of.....
Tricyclo compounds.....
Tris, use of.....
Trivalent radicals.....
Trivial names.....
of heterocyclic compounds.....
of polycyclic hydrocarbons.....
Unsaturated hydrocarbons.....
von Baeyer system.....

cetyl
chloroformyl (chlorocarbonyl)
cinnamyl (3-phenyl-2-propenyl)
cinnamoyl
cinnamylidene
creosyl (hydroxymethylphenyl)
crotyl
crotyl (2-butenyl)
cyanamido (cyanoamino)
cyano
decanedioyl
decanoly
dialzo
diazamino
disilanyl
disiloxanoxyl
disulfanyl
dithio
enanthyl
epoxy
ethenyl (vinyl)
ethinyl
ethoxy
ethyl
ethylthio

formamido (formyl amino)
formyl
fumaroyl (from fumaric acid)
furfuryl (2-furanylmethyl)
furfurylidene (2-furanylmethylene)
furyl (furanyl)

glutamyl (from glutamic acid)
glutaryl (from glutaric acid)
glycidyl (oxiranylmethyl)
glycinamido
glycolyl (hydroxyacetyl)
glycyl (aminoacetyl)
glyoxylyl (oxoacetyl)
guanidino
guanyl
heptadecanoyl
heptanamido
heptanedioyl
heptanoyl
hexadecanoyl
hexamethylene
hexanedioyl
hippuryl (N-benzoylglycyl)
hydantoyl
hydrazino
hydrazo
hydrocinnamoyl

$\text{CH}_3(\text{CH}_2)_n-$
$\text{CICO}-$
$\text{C}_6\text{H}_5\text{CH=CHCH}_2-$
$\text{C}_6\text{H}_5\text{CH=CHCO}-$
$\text{C}_6\text{H}_5\text{CH=CHCH=}$
$\text{HO(CH}_2)_n\text{C}_6\text{H}_4-$
$\text{CH}_2\text{CH=CHCO}-$
$\text{CH}_2\text{CH=CHCH}_2-$
$\text{NCNH}-$
$\text{NCO}-$
$\text{NC}-$
$-\text{OC(CH}_3)_2\text{CO}-$
$\text{CH}_3(\text{CH}_2)_n\text{CO}-$
$\text{N}_3=$
$-\text{NHN=N}-$
$\text{H}_2\text{SiSiH}_2-$
$\text{H}_2\text{SiOSiH}_2\text{O}-$
$-\text{Si(O)Si(O)}-$
$-\text{SS}-$
$\text{CH}_3(\text{CH}_2)_n\text{CO}-$
$-\text{O}-$
$\text{CH}_2=\text{CH}-$
$\text{HC=C}-$
$\text{C}_6\text{H}_5\text{O}-$
CH_3CH_2-
$\text{C}_6\text{H}_5\text{S}-$
$\text{HCONH}-$
$\text{HCO}-$
$-\text{OCCH=CHCO}-$
$\text{OC}_6\text{H}_4\text{CH}_2-$
$\text{OC}_6\text{H}_4\text{CH=}$
OC_6H_4-
$-\text{OC(CH}_3)_2\text{CH(NH}_2\text{)CO}-$
$-\text{OC(CH}_3)_2\text{CO}-$
$\text{CH}_2-\text{CHCH}_2-$
$\text{H}_2\text{NCH}_2\text{CONH}-$
$\text{HOCH}_2\text{CO}-$
$\text{H}_2\text{NCH}_2\text{CO}-$
$\text{HCOCO}-$
$\text{H}_2\text{NC(=NH)NH}-$
$\text{H}_2\text{NC(=NH)}-$
$\text{CH}_3(\text{CH}_2)_n\text{CO}-$
$\text{CH}_3(\text{CH}_2)_n\text{CONH}-$
$-\text{OC(CH}_3)_2\text{CO}-$
$\text{CH}_3(\text{CH}_2)_n\text{CO}-$
$\text{CH}_3(\text{CH}_2)_n\text{CO}-$
$-(\text{CH}_2)_n-$
$-\text{OC(CH}_3)_2\text{CO}-$
$\text{C}_6\text{H}_5\text{CONHCH}_2\text{CO}-$
$\text{H}_2\text{NCONHCH}_2\text{CO}-$
$\text{N}_2\text{NNH}-$
$-\text{HNNH}-$
$\text{C}_6\text{H}_5(\text{CH}_2)_n\text{CO}-$