

Abbreviations for Ligands and Solvents

Abbreviations which appear only once in the text are generally defined at their point of use; those which appear more than once are defined below.

General

R	alkyl, aryl
L	unidentate ligand
LL	bidentate ligand
LLL	terdentate ligand
LLLL	quadridentate ligand
X	halide (except where otherwise stated)

Specific

acac	acetylacetonate
ADP	adenosine-5'-diphosphate
2'-AMP	adenosine-2'-monophosphate
3'-AMP	adenosine-3'-monophosphate
5'-AMP	adenosine-5'-monophosphate
AN	acetonitrile
asp	aspartate
ATP	adenosine-5'-triphosphate
big	biguanide
bipy	2,2'-bipyridyl
bzac	benzoylacetate (1-phenylbutane-1,3-dionate)
bzbz	1,3-diphenylpropane-1,3-dionate
cal	calmagite [1-(1-hydroxy-4-methyl-2-phenylazo)-2-naphthol-4-sulphonate]
CDP	cytosine-5'-diphosphate
cod	cyclo-octadiene
Cp	cyclopentadienyl
CTP	cytosine-5'-triphosphate
cyclam	1,4,8,11-tetra-azacyclotetradecane
cydta	cyclohexane-1,2-diaminetetra-acetate
dacoda	1,5-diazacyclo-octane- <i>NN'</i> -diacetate
diars	<i>o</i> -phenylenebisdimethylarsine
dien	diethylenetriamine
dien-H	diethylenetriamine minus one nitrogen proton
dimetn	<i>NN'</i> -dimethylpropane-1,3-diamine
diphos	1,2-bisdiphenylphosphinoethane
DMF	dimethylformamide
dmg	dimethylglyoximate

dmp	2,9-dimethyl-1,10-phenanthroline
DMSO	dimethyl sulphoxide
dmtu	<i>NN'</i> -dimethylthiourea
DNA	deoxyribonucleic acid
dpt	dipropylenetriamine
dtc	dithiocarbamate
dto	dithio-oxalate
dtp	diethyldithiophosphate
dtpa	diethylenetriaminepenta-acetate
edda	ethylenediaminediacetate
eddda	ethylenediaminediacetatedipropionate
edds	<i>NN'</i> -ethylenediaminedisuccinate
edma	ethylenediaminemonoacetate
edta	ethylenediaminetetra-acetate
egta	ethylene glycol bis-(2-aminoethyl ether)-tetra-acetate
en	ethylenediamine
Et ₄ dien	<i>NNN''N''</i> -tetraethyldiethylenetriamine
ete	4,8-dithia-1,11-diazaundecane
gedta	2,2'-ethylenedioxybis(ethyleneiminodiacetate)
glu	glutamate
gly	glycinate
Hb	Haemoglobin
hedta	<i>N</i> -(2-hydroxyethyl)ethylenediaminetriacetate
hfac	hexafluoroacetylacetonate
himda	hydroxymethyliminodiacetate
his	histidine
hm	histamine
ida	iminodiacetate
ind	indenyl
isn	isonicotinamide
mal	malonate
Me ₄ dien - H	<i>NNN''N''</i> -tetramethyldiethylenetriamine minus the nitrogen proton
Me mal	methylmalonate anion
Me ₆ tren	2,2',2''-tris-(<i>NN</i> -dimethylamino)triethylamine
metu	<i>N</i> -methylthiourea
mida	<i>N</i> -methyliminodiacetate
mnt	maleonitriledithiolate
mq	2-methyl-8-quinolinate
NADH	nicotinamide adenine dinucleotide (reduced form)
niox	nioxime
nta	nitrilotriacetate
ox	oxalate
pada	pyridine-2-azo- <i>p</i> -dimethylaniline
pdta	propylenediaminetetra-acetate
phen	1,10-phenanthroline
pn	propylenediamine
py	pyridine

salen	<i>NN'</i> -bis(salicylaldehyde)ethylenediamine
tar	tartrate
tcne	tetracyanoethylene
tea	triethanolamine
terpy	2,2',2''-terpyridyl
2,3,2-tet	1,4,8,11-tetra-azaundecane
tet- <i>a</i> , tet- <i>b</i>	5,7,7,12,14,14-hexamethyl-1,4,8,11-cyclotetra-azatetradecane
tetren	tetraethylenepentamine
tfac	1,1,1-trifluoroacetylacetonate
thiox	monothio-oxalate
tmd	trimethylenediamine
tmeda	<i>NNN'N'</i> -tetramethylethylenediamine
TP	tripolyphosphate
<i>trans</i> -14-diene	5,7,7,12,14,14-hexamethyl-1,4,8,11-tetra-azacyclotetradeca-4,11-diene
tren	triaminotriethylamine
trien	triethylenetetramine
trigly	triglycine
ttha	triethylenetetraminehexa-acetate
tu	thiourea
xyl	xylenol orange