

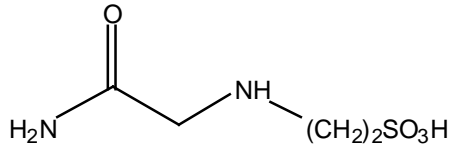
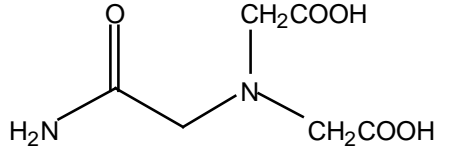
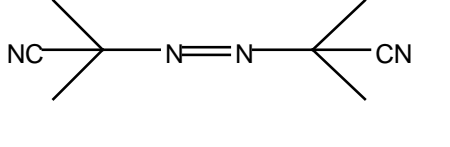
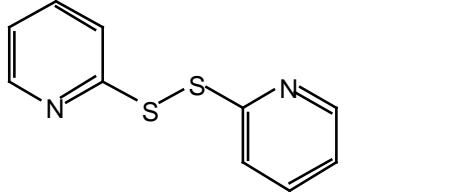
# TABLE OF ACRONYMS FOR REAGENTS USED IN ORGANIC SYNTHESIS

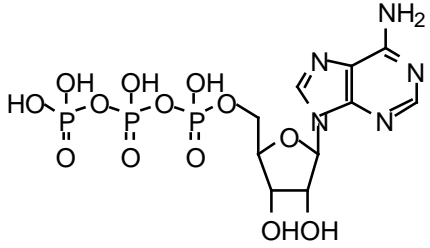
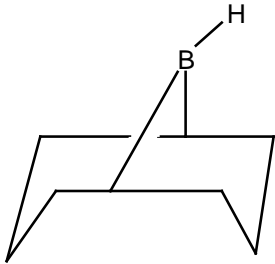
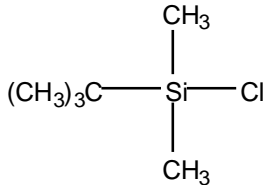
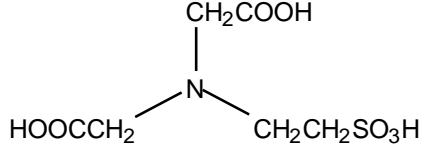
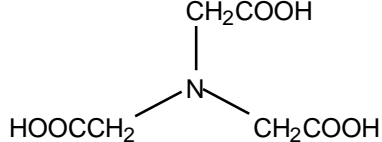
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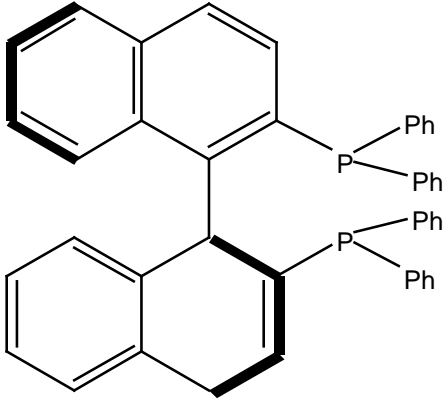
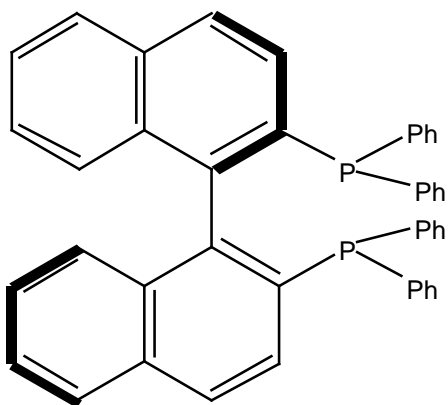
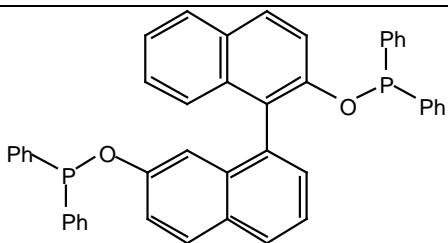
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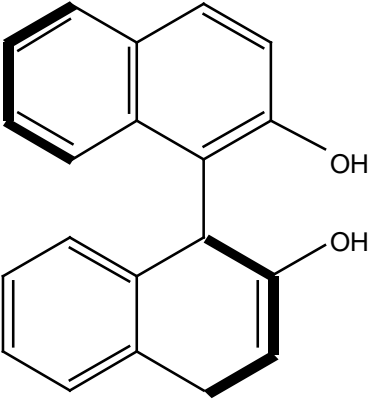
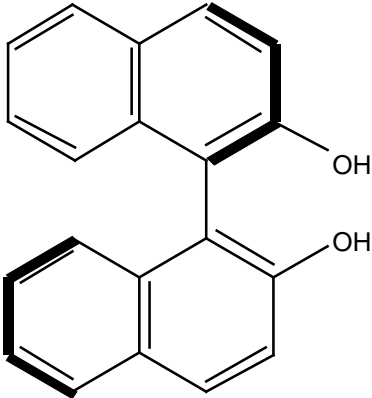
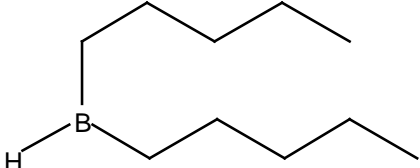
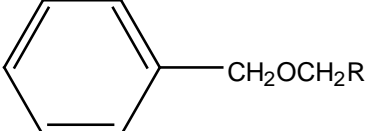
For suggestions, corrections, additional information, and comments please send e-mails to [c1000@careerchem.com](mailto:c1000@careerchem.com)

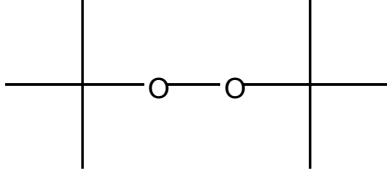
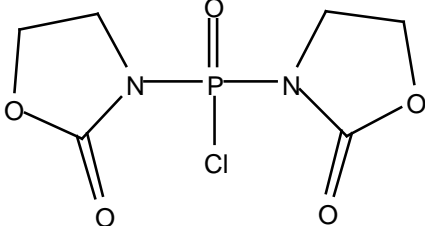
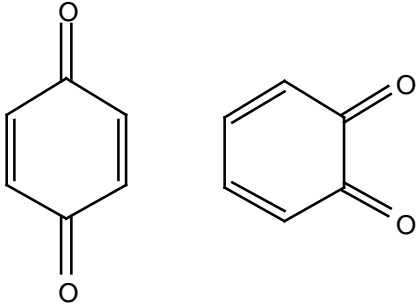
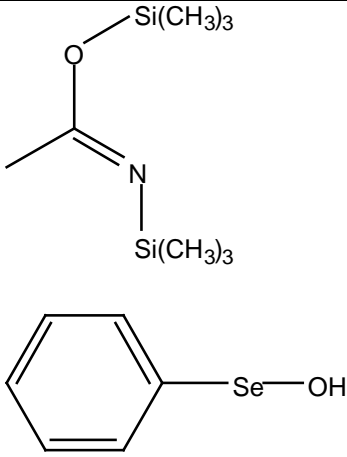
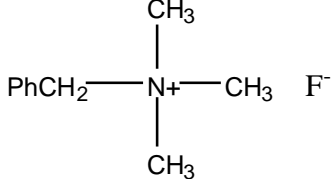
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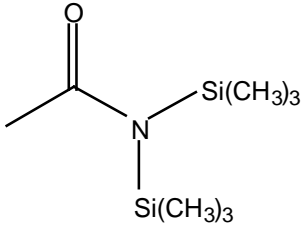
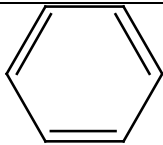
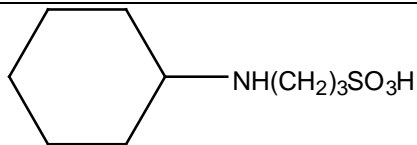
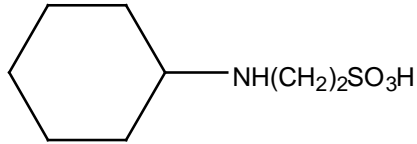
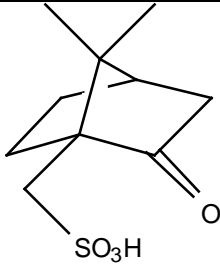
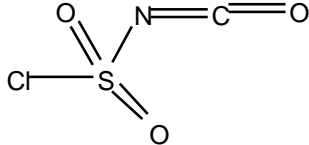
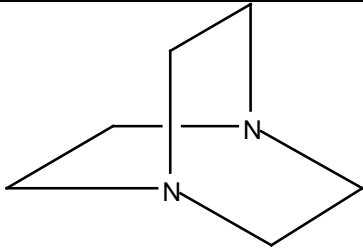
Acronym	Full Name	Structure
ACES	N-(2-acetamido)-2-aminoethanesulfonic acid	
ACN	acetonitrile	CH <sub>3</sub> CN
ADA	N-(2-acetamido)-iminodiacetic acid	
aq	aqueous	H <sub>2</sub> O
AIBN	azobisisobutyronitrile	
Aldrithiol®	2,2'-dipyridyldisulphide	

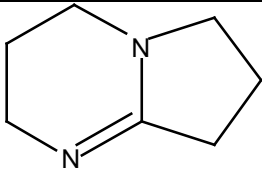
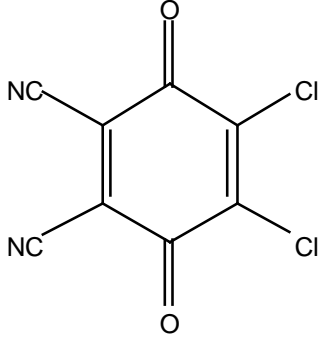
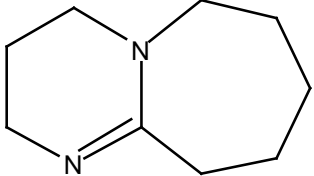
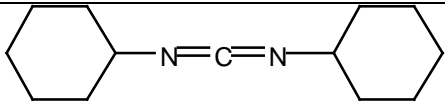
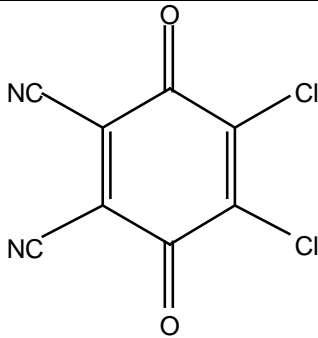
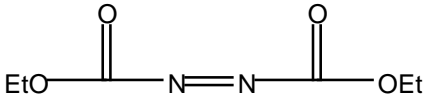
ATP	adenosinetriphosphate	
9-BBN	9-borabicyclo[3.3.1]nonane	
BDSC	<i>t</i> -butyldimethylchlorosilane	
BES	N,N-bis(2-hydroxyethyl)-2-aminoethanesulfonic acid	
Bicine	N,N-bis(2-hydroxyethyl)glycine	

BINAP	2,2'-bis(diphenylphosphino)-1,1'-binaphthyl	 <p>(S)-(-)</p>  <p>(R)-(+)</p>
BINAPO	Phospinous acid, diphenyl-[1,1'-binaphthalene]-2,2'-diyl ester	

BINOL	2,2'-dihydroxy-1,1'-binaphthyl (binaphthyl alcohol)	 <p>(S)-(-)</p>  <p>(R)-(+)</p>
BMB	bisamylborane	
BMS	borane dimethylsulfide complex	$B_2H_6 \cdot (CH_3)_2S$
BOM	benzyloxymethyl	

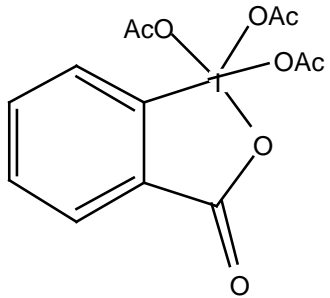
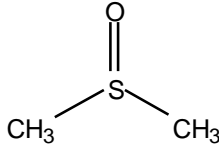
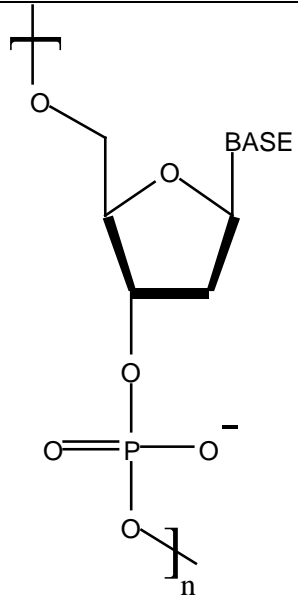
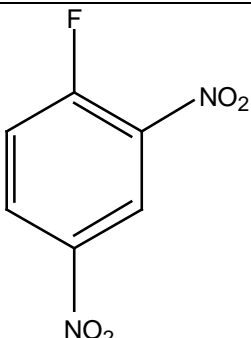
BOOB	di- <i>t</i> -butylperoxide	
BOP-Cl	Bis-(2-oxo-3-oxazolidinyl)phosphinic acid	
BQ	benzoquinone	 <p>p-quinone      o-quinone</p>
BSA	N,O-bis(trimethylsilyl)acetamide  benzeneseleninic acid	
BTAF	Benzyltrimethylammonium fluoride	

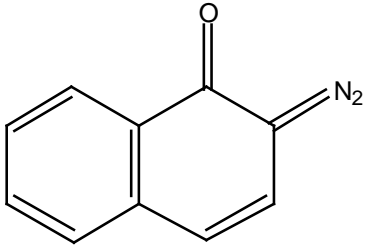
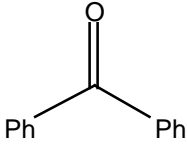
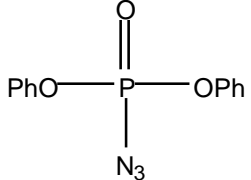
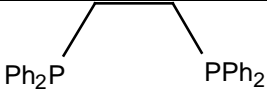
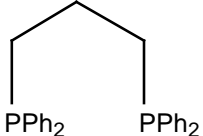
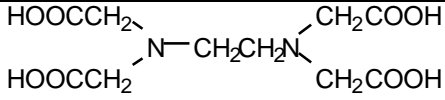
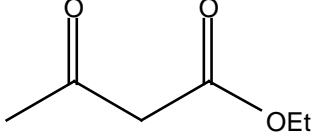
BTMSA	N,N-bis(trimethylsilyl)acetamide	
Bz	Benzene	
CAN	Ceric ammonium nitrate	$\text{HNO}_3 \ 1/6 \ \text{Ce}^{+4} \ 1/3 \ \text{NH}_3$
CAPS	3-(cyclohexylamino)-1-propanesulfonic acid	
CHES	2-(cyclohexylamino)-1-ethanesulfonic acid	
CSA	camphor-10-sulfonic acid	
CSI	chlorosulfonyl isocyanate	
DABCO	1,4-diazabicyclo[2.2.2]octane	

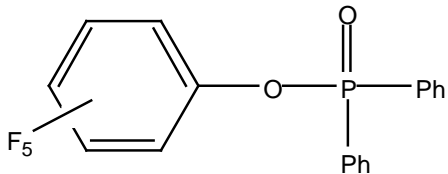
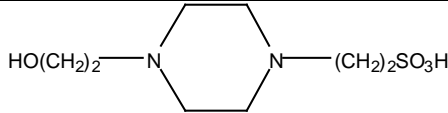
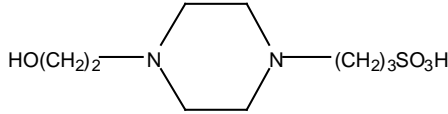
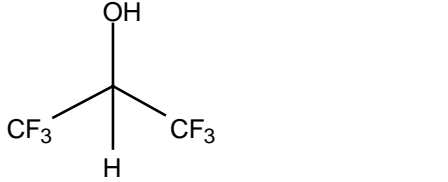
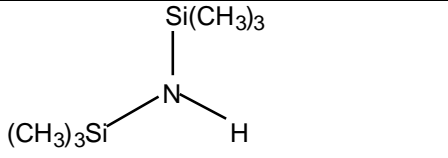
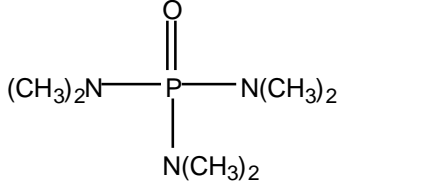
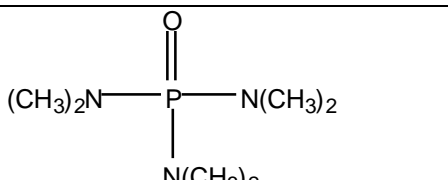
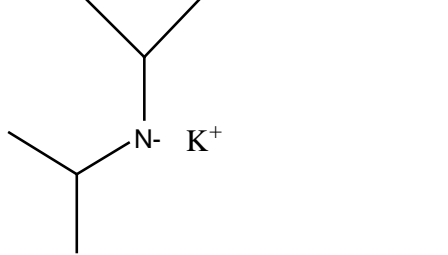
DAST	(Diethylamino)sulfur trifluoride	$[\text{Et}_2\text{N}]^- [\text{SF}_3]^+$
DBN	1,5-diazabicyclo[4.3.0]non-5-ene	
DBQ	2,3-dichloro-5,6-dicyano-1,4-dibenzoquinone	
DBU	1,8-diazabicyclo[5.4.0]undec-7-ene	
DCC	1,3-dicyclohexylcarbodiimide	
DDQ	2,3-dichloro-5,6-dicyano-1,4-benzoquinone	
DEAD	diethylazodicarboxylate	

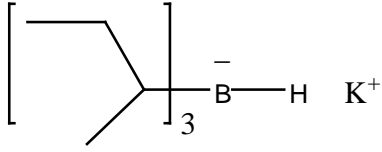
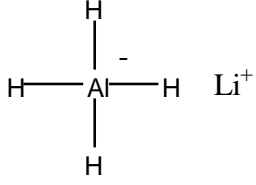
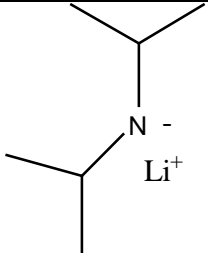
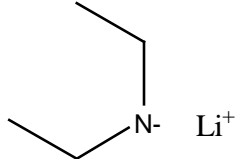
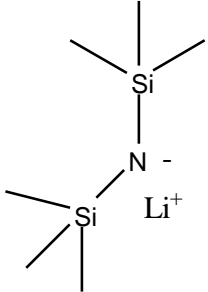
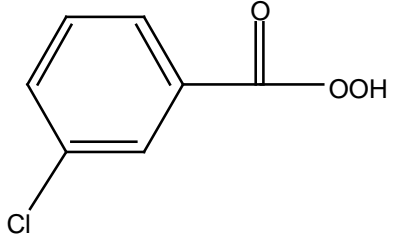
DIBAH (DIBAL)	diisobutylaluminum hydride	
DHP	dihydropyran	
DHQD	dihydroquinidine	
DIC	diisopropylcarbodiimide	
DME	1,2-dimethoxyethane (glyme)	$\text{CH}_3\text{OCH}_2\text{CH}_2\text{OCH}_3$
DMAP	4-dimethylaminopyridine	
DMF	dimethylformamide	

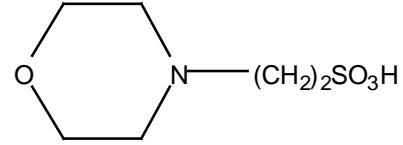
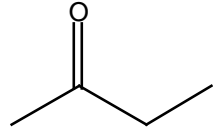
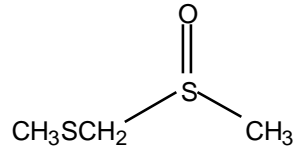
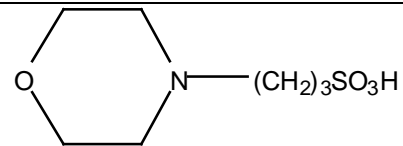
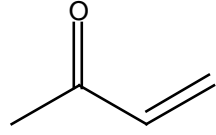
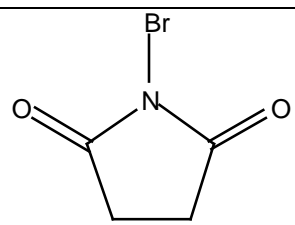
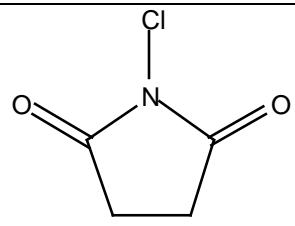
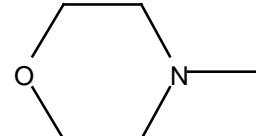


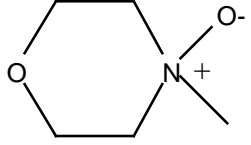
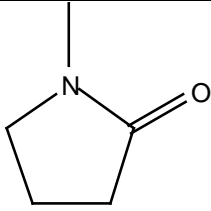
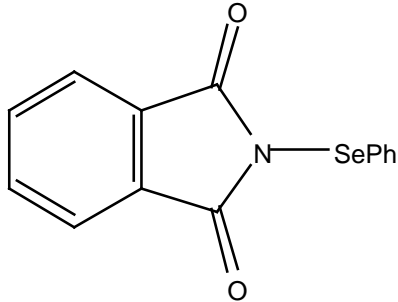
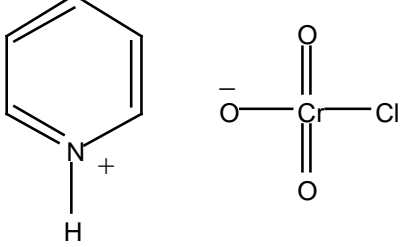
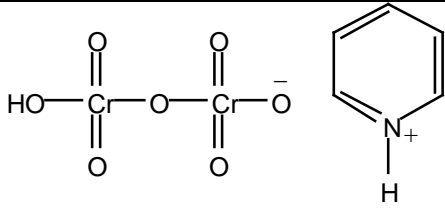
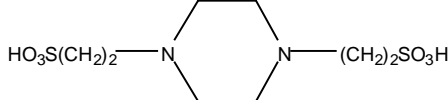
DMP	Dess-Martin periodinane	
DMS	dimethylsulfide	Me <sub>2</sub> S
DMSO	dimethylsulfoxide	
DNA	deoxyribonucleic acid	
DNFB	2,4-dinitrofluorobenzene	

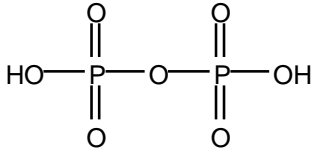
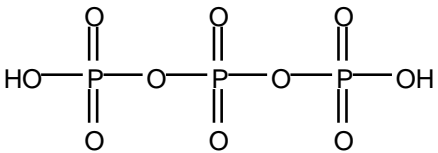
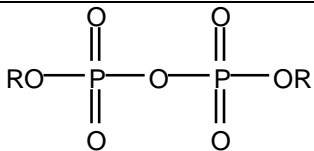
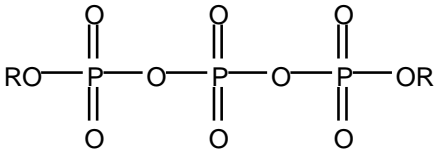
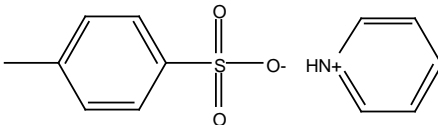
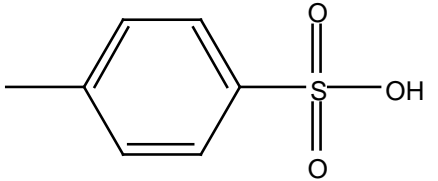
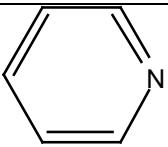
DNQ	diazonaphthoquinone	
DPK	diphenylketone	
DPPA	Diphenylphosphoryl azide	
DPPE	1,2-bis(diphenylphosphine)ethane	
DPPP	1,3-bis(diphenylphosphine)propane	
EDA	ethylenediamine	$\text{H}_2\text{N}-\text{CH}_2-\text{CH}_2-\text{NH}_2$
EDDA	ethylene diammonium acetate	$^-\text{OAc} \text{H}_3\text{N}^+-\text{CH}_2-\text{CH}_2-\text{NH}_3^+-\text{OAc}^-$
EDTA	ethylenediaminetetraacetic acid	
EEA	ethyl acetoacetate	

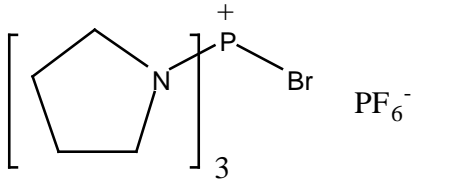
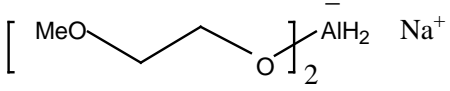
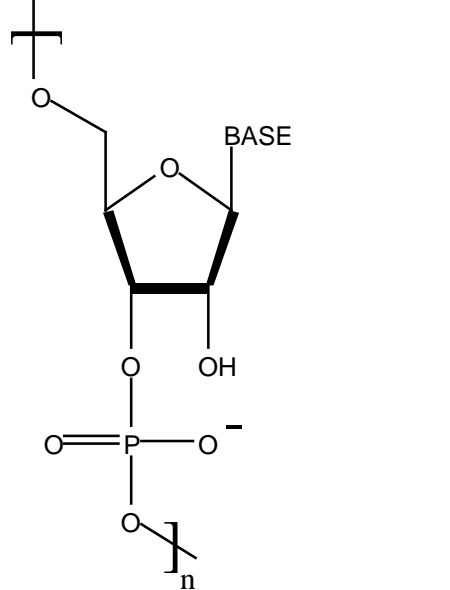
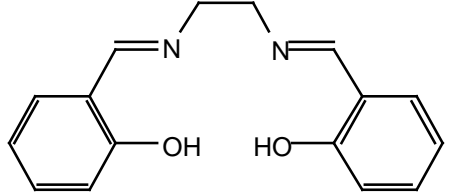
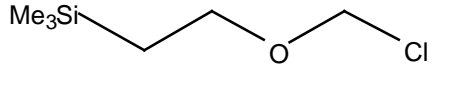
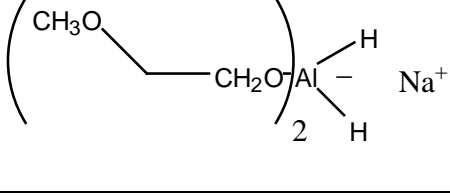
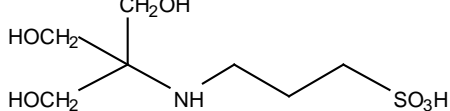
FDPP	Pentafluorophenyl diphenylphosphinate	
HEPES	4-(2-hydroxyethyl)-1-piperazineethanesulfonic acid	
HEPPS	4-(2-hydroxyethyl)-piperazine-1-propanesulfonic acid	
HFIP	hexafluoroisopropyl alcohol	
HMDS	hexamethyldisilazane or bis(trimethylsilyl)amine	
HMPA	hexamethylphosphoramide	
HMPT	hexamethylphosphoric triamide	
KDA	Potassium diisopropylamide	

K-Selectride®	Potassium tri- <i>sec</i> -butylborohydride	
LAH	lithium aluminum hydride	
LDA	lithium diisopropylamide	
LDEA	Lithium diethylamide	
LHMDS	lithium bis(trimethylsilyl)amide	
MCPBA	<i>meta</i> -chloroperoxybenzoic acid	

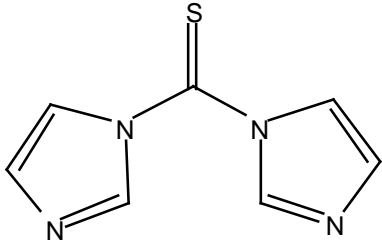
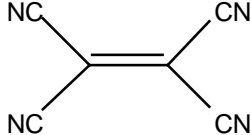
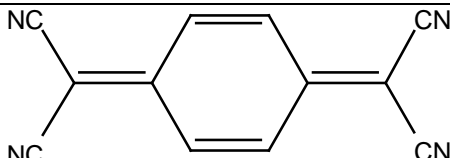
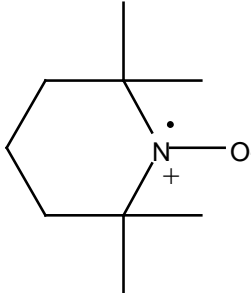
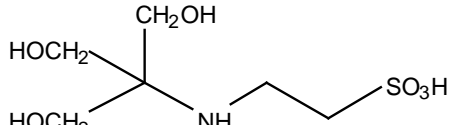
MES	2-morpholinoethanesulfonic acid	
MET	methyl ethyl ketone	
MMTS	methyl methylthiomethylsulfoxide	
MOPS	3-morpholinopropanesulfonic acid	
MVK	methyl vinyl ketone	
NBS	N-bromosuccinamide	
NCS	N-chlorosuccinamide	
NMM	N-methylmorpholine	

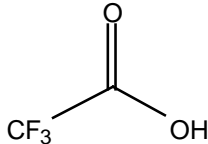
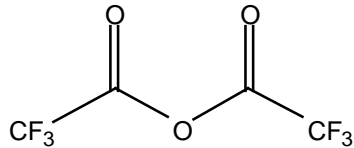
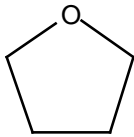
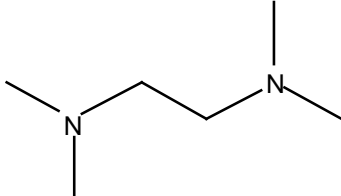
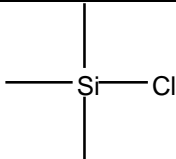
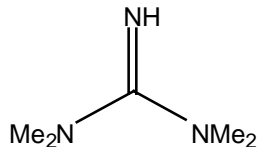
NMO	N-methylmorpholine N-oxide	
NMP	N-methyl-2-pyrrolidone	
N-PSP	N-phenylselenophthalimide	
PCC	pyridinium chlorochromate	
PDC	pyridinium dichromate	
PIPES	Piperazine-1,4-bis(2-ethanesulfonic acid)	

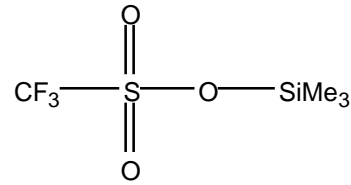
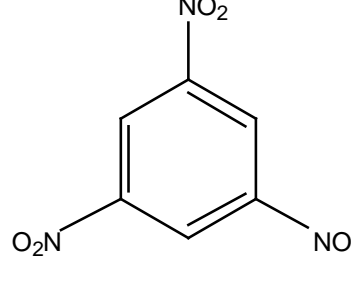
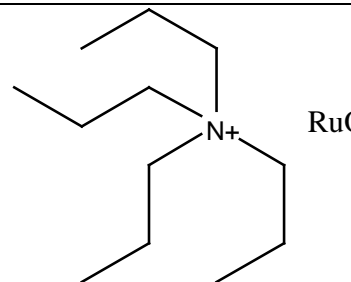
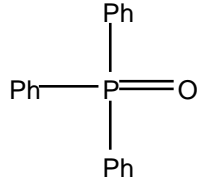
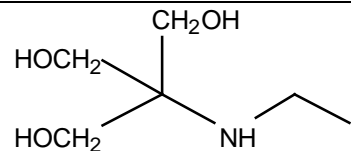
PPA	polyphosphoric acid	 <p>diphosphoric acid</p>  <p>triphosphoric acid</p>
PPE	polyphosphoric ester	 <p>diphosphoric ester</p>  <p>triphosphoric ester</p>
PPTS	Pyridinium p-toluenesulfonate	
PTSA	p-toluenesulfonic acid	
Pyr or Py	pyridine	

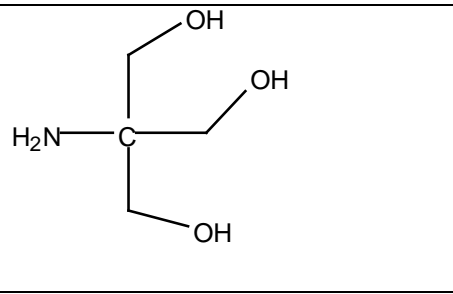
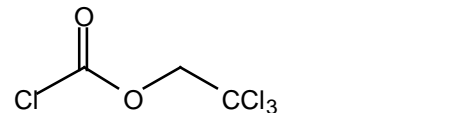
PyBroP	Bromotripyrrolidinophosphonium hexafluorophosphate	
Red-Al®	Sodium bis(2-methoxyethoxy) aluminum hydride	
RNA	ribonucleic acid	
SALEN	N,N'-disalicylideneethylenediamine, N,N'-bis(salicylidene) ethylenediamine	
SEMCI	[2-(trimethylsilyl)ethoxy]methyl chloride	
SMEAH	sodium bis(2-methoxyethoxy) aluminum hydride	
TAPS	N-[tris(hydroxymethyl)-methyl]-3-aminopropanesulfonic acid	



TBAF	tetrabutylammonium fluoride	$(n\text{-Bu})_4\text{N}^+ \text{F}^-$
TCDI	thiocarbonyldiimidazole	
TCNE	tetracyanoethylene	
TCNQ	tetracyanoquinodimethane	
TEA	triethylamine	$\text{Et}_3\text{N}$
TED	triethylenediamine	$\text{NH}_2(\text{CH}_2\text{CH}_2)_3\text{NH}_2$
TEMPO	2,2,6,6-tetramethylpiperidinoxy, free radical or 2,2,6,6-tetramethylpiperidine N-oxide	
TES	N-[tris(hydroxymethyl)-methyl]-2-aminoethanesulfonic acid	

TFA	trifluoroacetic acid	
TFAA	trifluoroacetic anhydride	
TFE	trifluoroethanol	$\text{CF}_3\text{CH}_2\text{OH}$
THF	tetrahydrofuran	
TMEDA	N,N,N',N'-tetramethylethylenediamine	
TMCS	chlorotrimethylsilane	
TMG	tetramethylguanidine	
TMNO	trimethylamine N-oxide monohydrate	$(\text{CH}_3)_3\text{N}^+ \text{---} \text{O}^- \cdot \text{H}_2\text{O}$
TMS	tetramethylsilane	$(\text{CH}_3)_4\text{Si}$
TMSCl	trimethylchlorosilane	$(\text{CH}_3)_3\text{SiCl}$

TMSOTf	Trimethylsilyl trifluoromethanesulfonate	
TNT	trinitrotoluene	
TPAP	Tetra-n-propylammonium perruthenate	
TPP	triphenylphosphine	$\text{Ph}_3\text{P}$
TPP-DEAD	triphenylphosphine-DEAD	$\text{Ph}_3\text{P} - \text{EtOOCN}=\text{NCOOEt}$
TPPO	triphenylphosphine oxide	
Tricine	N-[tris(hydroxymethyl)-methyl]-glycine	

TRIS	tris(hydroxymethyl)aminomethane	
Troc-Cl	2,2,2-trichloroethylchloroformate	
Viltride®	Sodium bis(2-methoxyethoxy) aluminum hydride	