

<i>Acids</i>	<i>Alcohols</i>	<i>Amines</i>	<i>Phenols</i>
2,2-dimethylpropionic acid	(-) cholesterol	1,6-diaminohexane	1-naphthol
2-bromobutanoic acid	(-) menthol	1-phenylethylamine	1-hydroxyfluorene
2-chlorophenylacetic acid	(+) borneol	1-phenylpropylamine	2,3-dichlorophenol
2-chloropropionic acid	(+)-mannitol	2,4-dichloroaniline	2,4-dihydroxybenzoic acid
2-chloropropionic acid	1,3-dichloro-2-propanol	2,5-dimethylaniline	2,4-dinitrophenol
2-ethylbutanoic acid	1,4-butanediol	2,6-dimethylpiperidine	2-bromo-4,6-dinitrophenol
2-hydroxy-2-methylpropionic acid	1-butanol	2-aminobutane	2-chloro-5-nitrophenol
2-nitrobenzoic acid	1-heptadecanol	2-aminoindane	2-ethoxyphenol
3,3-dimethylbutanoic acid	1-hexanol	2-aminopyridine	2-ethylphenol
3-bromobenzoic acid	1-naphthol	2-bromoaniline	2-hydroxy-5-methylbenzoic acid
3-butenic acid	1-nonanol	2-chloro-4-methylaniline	2-hydroxyacetanilide
3-chlorosalicylic acid	1-octadecanol	2-chloro-6-methoxyaniline	2-hydroxybenzamide
3-nitrobenzoic acid	1-octanol	2-chloroaniline	2-iodophenol
4-bromobenzoic acid	1-pentadecanol	2-ethoxyaniline	2-methoxyphenol
4-hydroxybenzoic acid	1-phenyl-1-butanol	2-fluoroaniline	2-methylphenol
4-methylhexanoic acid	1-phenylethanol	2-methylaniline	2-phenylphenol
4-methylpentanoic acid	1-tridecanol	2-methylbenzylamine	3,4-dimethylphenol
4-nitrobenzoic acid	2,2-dimethyl-1-propanol	2-phenylethylamine	3,5-dibromophenol
4-phenylbutanoic acid	2,4-hexadien-1-ol	3,5-dimethylaniline	3,5-dichlorophenol
5-bromosalicylic acid	2-bromobenzylalcohol	3-bromoaniline	3,5-dihydroxytoluene
5-chloro-2-nitrobenzoic acid	2-bromocyclohexanol	3-chloroaniline	3,5-dimethyl-2,4-dinitrophenol
acetylsalicylic acid	2-bromoethanol	3-iodoaniline	3,5-dimethylphenol
adipic acid	2-butanol	p-dimethylaminobenzaldehyde	3-aminophenol
a-naphthoic acid	2-butoxyethanol	3-methylbenzylamine	3-bromo-2-methylphenol
anthranilic acid	2-chloro-1-propanol	4-aminostyrene	3-bromo-4-hydroxybiphenyl
benzilic acid	2-chloroethanol	4-chloro-2methylaniline	3-bromo-4-nitrophenol
benzoic acid	2-ethyl-1-hexanol	4-chloroaniline	3-bromophenol
b-phenylpropionic acid	2-methoxyethanol	4-methylaniline	3-chloro-2-methylphenol
bromoacetic acid	2-methylbenzylalcohol	aniline	3-chloro-4-nitrophenol
camphoric acid	2-methylcyclohexanol	benzocaine	3-ethoxyphenol
chloroacetic acid	2-pentanol	benzylamine	3-methoxyphenol
dichloroacetic acid	2-phenoxyethanol	cyclohexylamine	3-methylphenol
diphenylacetic acid	2-propen-1-ol	cyclopropylamine	4,6-dibromonaphthol
diphenylacetic acid	3,3-dimethyl-2-butanol	dibutylamine	4-acetamidophenol
dodecanoic acid	3-chloro-1-propanol	diethylamine	4-aminophenol
ethanoic acid	3-chlorobenzylalcohol	diisobutylamine	4-bromo-2-methylphenol
heptanoic acid	3-hexanol	dimethylamine	4-bromo-3-nitrophenol
hexanoic acid	3-methyl-3-pentanol	diphenylamine	4-chloro-2-methylphenol
hippuric acid	3-methylcyclohexanol	dipropylamine	4-chloro-3,5-dimethylphenol
iodoacetic acid	3-pentanol	hexylamine	4-chloro-3-nitrophenol
isobutyric acid	3-phenylpropanol	indole	4-cyclohexylphenol
isovaleric acid	4-methoxybenzyl alcohol	isobutyl amine	4-ethoxyphenol
lauric acid	4-methyl-1-pentanol	methylaniline	4-ethylphenol
methylmalonic acid	4-methylbenzylalcohol	morpholine	4-hydroxy-3-methoxybenzoic acid
m-nitrobenzoic acid	b-citronellol	N-benzylaniline	4-hydroxy-4'-nitrobiphenyl
m-toluic acid	benzoin	N-ethylaniline	4-hydroxybenzoic acid
n-butyric acid	benzyl alcohol	n-hexylamine	4-hydroxybenzophenone
o-anisic acid	cetylalcohol (1-hexadecanol)	N-methylaniline	4-hydroxy-N-methylaniline
o-bromobenzoic acid	cinnamyl alcohol	nylamine	4-hydroxypyridine
o-chlorobenzoic acid	cyclohexanol	N-propylaniline	4-hydroxyacetophenone
oxalic acid	cyclohexylmethanol	N-acetylpiiperdine	4-iodophenol
p-anisic acid	cyclopentanol	o-anisidine	4-methoxyphenol
p-chlorobenzoic acid	diphenylmethanol	o-methoxyaniline	4-methylphenol
pentanoic acid	dl-fenchyl alcohol	o-nitroaniline	4-propylphenol
phenoxyacetic acid	ethanol	p-aminobenzophenone	5-bromo-3-nitrophenol
phenylacetic acid	isobutyl alcohol	p-aminobiphenyl	5-chloro-3-nitrophenol
p-nitrobenzoic acid	isopentyl alcohol	p-anisidine	eugenol
propenoic acid	methanol	p-bromoaniline	methyl-4-hydroxybenzoate
propionic acid	n-pentyl alcohol	p-chloroaniline	o-bromophenol
p-toluic acid	p-chlorobenzyl alcohol	piperazine	o-chlorophenol
pyruvic acid	sitosterol	piperidine	o-nitrophenol
salicylic acid	tert-butyl alcohol	p-methoxyaniline	p-bromophenol
stearic acid	tert-pentyl alcohol (amyl)	p-toluidine	pentamethylphenol
trifluoroacetic acid		pyridine	phenol
trimethylacetic acid (pivalic)		4-aminophenol	p-nitrophenol
vanillic acid		6-bromoquinolone	resorcinol
		sec-butyl amine	

<i>Aldehydes</i>		<i>Ketones</i>	
2,3-dimethoxybenzaldehyde	1-naphthaldehyde	2-methylcyclohexanone	4-methyl-3-hexanone
2,4-dichlorobenzaldehyde	2,3-dichlorobenzaldehyde	1,2-dichloropropanone	1,3-diphenyl-2-propanone
2-butenal	2,3-dihydroxybenzaldehyde	1-chloro-2-propanone	1,3-diphenyl-2-propen-1-one
2-carboxybenzaldehyde	2,3-diphenyl-2-propenal	1-indanone	1-bromo-2-propanone
2-chlorobenzaldehyde	2,4-dichloro-3-hydroxybenzaldehyde	1-methoxy-2-propanone	1-phenyl-1-butanone
2-ethylbutanal	2,4-dichlorobenzaldehyde	1-phenyl-1,3-butadione	1-phenyl-1-heptanone
2-ethylhexanal	2,4-dihydroxybenzaldehyde	1-phenyl-2-hexanone	1-phenyl-1-hexanone
2-fluorobenzaldehyde	2,5-dichlorobenzaldehyde	1-phenyl-2-propanone	1-phenyl-1-pentanone
2-furaldehyde	2-aminobenzaldehyde	2,4-dichloroacetophenone	1-phenyl-1-propanone
2-hexenal	2-bromobenzaldehyde	2-aminoacetophenone	1-phenyl-2-butanone
2-hydroxybenzaldehyde	2-ethoxybenzaldehyde	2-butanone	2,2-dimethyl-1-phenyl-1-propanone
2-methyl-2-pentenal	2-hydroxy-5-methylbenzaldehyde	2-chloroacetophenone	2,2-dimethylcyclohexanone
2-methylbenzaldehyde	2-iodobenzaldehyde	2-hydroxyacetophenone	2,4-dimethyl-3-pentanone
2-methylbutanal	2-methoxybenzaldehyde	2-hydroxybenzophenone	2,4-dimethylacetophenone
2-methylpentanal	2-nitrobenzaldehyde	2-indanone	2,5-dimethylcyclohexanone
2-methylpropanal	2-phenylbenzaldehyde	2-nitroacetophenone	2,6-dimethyl-4-heptanone
2-pentenal	3,4-dihydroxybenzaldehyde	2-phenylcyclohexanone	2-methyl-1-phenyl-1-propanone
3,3-diphenylpropenal	3,4-dimethoxybenzaldehyde	3,3-dimethylbutanone	2-methyl-3-cyclopentenone
3-chlorobenzaldehyde	3,5-dichlorobenzaldehyde	3,4-dimethoxyacetophenone	2-methyl-3-hexanone
3-fluorobenzaldehyde	3-aminobenzaldehyde	3,5-dibromoacetophenone	2-methylacetophenone
3-furaldehyde	3-bromobenzaldehyde	3-acetylphenanthrene	2-methylcyclohexanone
3-hydroxybenzaldehyde	3-chloro-2-hydroxybenzaldehyde	3-aminoacetophenone	2-octanone
3-methyl-2-butenal	3-ethoxybenzaldehyde	3-hydroxyacetophenone	2-propylcyclohexanone
3-methylbenzaldehyde	3-iodobenzaldehyde	3-methyl-2-butanone	2-tridecanone
3-methylbutanal	3-methoxybenzaldehyde	3-methyl-2-pentanone	3,5-dimethylacetophenone
3-nitrobenzaldehyde	3-phenylbenzaldehyde	3-nitroacetophenone	3-acetylpropanoic acid
3-phenylpropanal	4-aminobenzaldehyde	4-aminoacetophenone	3-hydroxy-2-butanone
4-chloro-2-hydroxybenzaldehyde	4-bromobenzaldehyde	4-aminobenzophenone	3-hydroxy-3-methyl-2-butanone
4-chlorobenzaldehyde	4-ethoxybenzaldehyde	4-bromoacetophenone	3-methyl-1-penten-4-one
4-ethoxybenzaldehyde	4-hydroxybenzaldehyde	4-chlorobenzophenone	3-phenylcyclohexanone
4-fluorobenzaldehyde	4-iodobenzaldehyde	4-cyclohexylcyclohexanone	4-fluoroacetophenone
4-methoxybenzaldehyde	4-nitrobenzaldehyde	4-methoxyacetophenone	4-heptanone
4-methylbenzaldehyde	4-phenylbenzaldehyde	4-methyl-2-pentanone	4-methyl-2-hexanone
4-methylpentanal	diphenylacetaldehyde	4-methylacetophenone	4-methylcyclohexanone
5-bromo-2-hydroxybenzaldehyde	phenoxycetaldehyde	4-methylbenzophenone	5-methyl-2-hexanone
5-hydroxyfurfural	phenylacetaldehyde	4-phenyl-3-buten-2-one	5-nonanone
5-methylfurfural	p-hydroxybenzaldehyde	4-phenylcyclohexanone	alpha-tetralone
5-methylhexanal	p-isopropylbenzaldehyde	9-fluorenone	cyclohexymethylketone
benzaldehyde	p-nitrobenzaldehyde	acetophenone	fenchone
butanal	propanal	benzalacetone	furfural acetone
butyraldehyde	propenal	benzoin	L-menthone
citral	p-tolualdehyde	benzophenone	benzoylnitromethane
citronellal	salicylaldehyde	camphor	propyl-3-pyridyl ketone
crotonaldehyde	succinaldehyde	carvone	benzylidenepropane
decanal	trichloroethanal	cycloheptanone	1-phenyl-1-dodecanone
dodecanal	vanillin	cyclohexanone	2-isopropyl-5-methyl-1,4-benzoquinone
ethoxylethanal	veratraldehyde	cyclopentanone	2,4,6-heptatrione
etoxyacetaldehyde	diphenylhydroxyacetaldehyde	fluorene	2-chloro-1,4-benzoquinone
heptanal	3,4,5-trihydroxybenzaldehyde	xanthone	benzoylformic acid
hexanal	2-formylbenzaldehyde	o-aminopropiophenone	12-tricosanone
methoxyacetaldehyde	3-formylbenzaldehyde	p-bromopropiophenone	1-naphthylphenylketone
methoxyethanal	4-formylbenzaldehyde	phenacyl bromide	2-benzoylfurylketone
n-heptaldehyde	octanal	phenacylchloride	2-naphthoxy-2-propanone
nonanal	p-bromobenzaldehyde	propanone	testosterone
n-valeraldehyde	pentanal		
<i>Amino Acids</i>		<i>Alkenes</i>	
anthranilic acid	lysine	1,3-cyclohexadiene	gamma-terpinene
b-alanine	asparagine	1-decene	1,4-cyclohexadiene
dl-phenylalanine	serine	1-heptene	1-methylcyclobutene
L-glutamic acid	3-aminosalicylic acid	1-hexene	1-methylcyclohexene
l-leucine	isoserine	1-octene	1-methylcyclopentene
L-proline	4-hydroxyphenylglycine	2-butene	1-pentene
L-serine	threonine	2-decene	2-pentene
4-aminobenzoic acid	cystine	2-hexene	3-hexene
proline	hydroxyproline	3-methylcyclohexene	cyclobutene
L-valine	tryptophan	alpha-terpinene	cyclohexene
L-glycine	methionine	camphene	cyclopropene
L-tyrosine	isoleucine	cyclopentene	methylcyclopropene
2-aminophenylacetic acid	histidine	dl-pinene	pentene
N-phenylglycine	2-aminobutanoic acid	styrene	propene
2-aminobenzoic acid	5-aminosalicylic acid	trans-stilbene	1-ethylcyclohexene
3-aminobenzoic acid	arginine	2-methyl-2-butene	1,3-hexadiene

<i>Esters</i>	<i>Alkyl Halides/Aryl Halides</i>	<i>Nitro Compounds</i>	<i>Amides</i>
2-bromoethyl acetate	1,2-dibromobenzene	nitromethane	2,2-dimethylbutanilide
2-chloroethyl acetate	1,2-dichlorobenzene	nitroethane	2,2-dimethylpropananilide
amyl formate	1,3-dibromobenzene	1-nitropropane	2-aminobenzanilide
benzyl acetate	1,3-dichlorobenzene	2-nitropropane	2-bromo-2-methylpropananilide
benzyl chloroacetate	1,4-dibromobenzene	2-nitrobutane	2-bromo-3-methylbutanilide
benzyl formate	1,4-dichlorobenzene	2-methyl-1-nitropropane	2-chlorobenzamide
butyl acetate	1-bromo-2-methylpropane	2-methyl-1-nitropropene	2-chlorobenzanilide
butyl formate	1-bromo-2-phenylethane	1-nitrohexane	2-chloropropananilide
butyl lactate	1-bromo-3-methylbutane	2-nitrohexane	2-ethylbutanilide
butyl propionate	1-bromobutane	3-nitrohexane	2-hydroxy-2-methylpropanamide
chloromethyl acetate	1-bromoheptane	nitrocyclohexane	2-hydroxybenzanilide
cyclohexyl formate	1-bromohexane	nitrobenzene	2-methoxybenzamide
dimethyl malonate	1-bromooctane	2-nitrotoluene	2-bromoacetamide
ethyl acetate	1-bromopropane	3-nitrotoluene	2-methylbenzanilide
ethyl acrylate	1-chloro-1-hexadecane	4-nitrotoluene	2-methylhexanilide
ethyl bromoacetate	1-chloro-2,2-dimethylpropane	1-ethyl-2-nitrobenzene	2-methylpropanamide
ethyl butyrate	1-chloro-2-methylpropane	1-ethyl-3-nitrobenzene	2-methylpropananilide
ethyl caproate	1-chloro-2-methylpropane	1-ethyl-4-nitrobenzene	3,3-dimethylbutanilide
ethyl crotonate	1-chloro-2-phenylethane	1,3-dimethyl-2-nitrobenzene	3,4-dimethylbenzanilide
ethyl dichloroacetate	1-chloro-3,3-dimethylbutane	phenylnitromethane	3-butenanilide
ethyl heptanoate	1-chloro-3,4-dimethylbenzene	1,4-dimethyl-2-nitrobenzene	3-chlorobenzamide
ethyl isocrotonate	1-chloro-3-methylbutane	6-chloro-2-nitrotoluene	3-chlorobenzanilide
ethyl isovalerate	1-chlorobutane	2,4-dimethyl-1-nitrobenzene	3-methylbenzamide
ethyl pivalate	1-chlorobutane	2,3-dimethyl-1-nitrobenzene	3-nitrobenzamide
ethyl propionate	1-chloroheptane	2,4-dichloro-1-nitrobenzene	4-methylhexanilide
ethyl pyruvate	1-chlorohexane	1-isopropyl-4-methyl-2-nitrobenzene	benzamide
ethyl valerate	1-chlorooctane	2-methoxy-1-nitrobenzene	benzindole
ethylformate	1-chloropentane	3-methoxy-1-nitrobenzene	bromoacetamide
ethylsiobutyrate	1-chloropropane	4-methoxy-1-nitrobenzene	butyloxamate
heptyl formate	1-iodo-3-methylbutane	2-ethoxy-1-nitrobenzene	caprylanilide
hexyl formate	1-iodobutane	3-ethoxy-1-nitrobenzene	chloroethanamide
isoamyl acetate	1-iodoheptane	4-ethoxy-1-nitrobenzene	decanamide
isoamyl formate	1-iodohexane	4-fluoro-1-nitrobenzene	dichloroethanilide
isobutyl butyrate	2,6-dichlorotoluene	2-chloro-1-nitrobenzene	furanylilide
isobutyl propionate	2-bromo-2-methylbutane	3-fluoro-1-nitrobenzene	heptanamide
isopentyl isovalerate	2-bromobutane	2-fluoro-1-nitrobenzene	heptanilide
isopropyl benzoate	2-bromopropane	3-chloro-1-nitrobenzene	hexanilide
isopropyl formate	2-bromotoluene	4-chloro-1-nitrobenzene	methoxyethanilide
isopropyl propionate	2-chloro-2-methylbutane	2-nitrobiphenyl	methylurea
isopropyl valerate	2-chloro-2-methylpentane	3-iodo-1-nitrobenzene	N,N-dimethylformamide
isoproyl isovalerate	2-chloropentane	5-nitroindane	N-acetylpiiperdine
methyl 2,2-dimethylpropanoate	2-chloropropane	4-nitroindane	N-benzoyl-3-ethoxyaniline
methyl acetate	2-chlorotoluene	2-bromo-1-nitrobenzene	N-benzoylpiperdine
methyl acrylate	2-iodo-2-methylpropane	3-bromo-1-nitrobenzene	N-benzylacetamide
methyl benzoate	2-iodopropane	4-bromo-1-nitrobenzene	N-benzylbenzanilide
methyl bromoacetate	2-iodotoluene	1-chloro-2,4-dinitrobenzene	N-benzylformamide
methyl butyrate	3-bromopropene	1-nitronaphthalene	N-benzylhexanamide
methyl caproate	3-bromotoluene	3,4-dinitrotoluene	N-benzyl-N-methylbutanamide
methyl crotonate	3-chloropentane	2,4-dinitrotoluene	N-cyclohexylethanamide
methyl ethoxyacetate	3-chloropropene	2-nitronaphthalene	N-ethylbenzylanilide
methyl isobutyrate	3-chlorotoluene	1,3-dinitrobenzene	N-ethylformamide
methyl isovalerate	3-iodotoluene	1,5-dimethyl-2,4-dinitrobenzene	N-ethyl-N-phenylethanamide
methyl methacrylate	4-bromotoluene	2-nitrophenanthrene	N-formylpiperdine
methyl methoxyacetate	4-chlorotoluene	1,2-dinitronaphthalene	N-isobutylformanilide
methyl propionate	4-iodotoluene	4-nitrobiphenyl	N-methylformamide
methyl pyruvate	4-nitrobenzyl bromide	1,4-dinitrobenzene	nonanamide
methyl valerate	benzylbromide	9-nitrofluorene	N-propylformanilide
methylchloroacetate	benzylchloride		o-chloroacetanilide
methylformate	beta-bromostyrene		pentanamide
propyl acetate	bromobenzene		propenylilide
propyl butyrate	bromoethane		propylanilide
propyl caproate	chlorobenzene		trichloroacetanilide
propyl formate	cyclohexylbromide		acetanilide
propyl isobutyrate	cyclohexylchloride		2-methoxybenzamide
propyl propionate	cyclohexyliodide		
sec-butyl acetate	ethyl chloride		
sec-butyl formate	iodobenzene		
tert-amyl acetate	sec-butylchloride		
tert-butyl formate			
tert-butyl isobutyrate			