



75-31-0	propan-2-amine / isopropylamine	C3H9N		[378]		[141]
2516-34-9	cyclobutylamine	C4H9N	[222]	[408]		
598-56-1	N,N-Dimethylethylamine	C4H11N		[399]		
75-64-9	2-Propanamine, 2-methyl- / tert- Butylamine	C4H11N		[369, 383]		
107-85-7	1-Butanamine, 3-methyl-	C5H13N				[241]
110-68-9	N-Butylmethylamine	C5H13N		[399]		
108-91-8	cyclohexylamine	C6H13N		[383]		
18328-90-0	2-propen-1-amine, n-ethyl-2- methyl-	C6H13N		[408]		
121-44-8	triethylamine	C6H15N		[273, 278, 284, 301, 330, 345, 381, 399]		
45592-46-9	ethylcyclopentamine	C7H15N			[178]	
35161-70-7	n-Hexylmethylamine	C7H17N				[241]
111-86-4	octylamine	C8H19N		[399]		
24552-04-3	3-octanamine	C8H19N	[248]			
693-16-3	2-Octanamine	C8H19N				[241]
102-69-2	tripropylamine	C9H21N		[383]		
13205-56-6	1-Methyldecylamine	C11H25N		[364]		
2016-42-4	1-Tetradecanamine / Myristylamine	C14H31N				[241]
112-18-5	N,N-dimethyl-1-dodecanamine / N,N-dimethyl-1-dodecylamine	C14H31N			[182, 178]	
112-75-4	N,N-dimethyl-1- tetradecanamine	C16H35N			[178]	

17678-60-3	N,N-dimethyl-1-pentadecanamine	C17H37N		[178]	
112-69-6	N,N-dimethyl-1-hexadecanamine / N,N-dimethyl-1-hexadecylamine	C18H39N		[182, 178]	
3002-57-1	N,N-dimethyl-1-heptadecanamine	C19H41N		[178]	
124-28-7	N,N-dimethyl-1-octadecanamine / N,N-dimethyl-1-octadecylamine	C20H43N		[182]	
n/a	aliphatic amine ui	ui		[182]	
	<i>Aliphatic di-,tri,or tetra-amines (non-cyclic nitrogen)</i>				
590-88-5	1,3-butanediamine	C4H12N2	[364]	[178]	
110-60-1	1,4-butanediamine / putrescine	C4H12N2	[378, 408]		[241]
108-00-9	N,N-dimethyl-1,2-ethanediamine	C4H12N2		[178]	
462-94-2	1,5-pentanediamine / cadaverine / 1,5-diaminopentane	C5H14N2	[378, 408]		
3385-21-5	1,3-diaminocyclohexane	C6H14N2	[408]		
646-19-5	1,7-Diaminoheptane	C7H18N2	[57]		
56-18-8	1,3-Propanediamine, N,N'-bis(3-aminopropyl) / Norspermidine	C6H17N3			[241]
100-97-0	methenamine	C6H12N4	[6, 275]		
71-44-3	Spermine	C10H26N4			[241]
	<i>Anilines</i>				
62-53-3	aniline	C6H7N		[158]	
100-61-8	N-methyl aniline	C7H9N		[158]	

95-53-4	o-methyl aniline / o-toluidine	C7H9N			[158]
121-69-7	N,N-dimethylaniline	C8H11N		[408]	
95-68-1	2,4-dimethylbenzenamine	C8H11N	[9]		
103-69-5	Ethylaniline	C8H11N		[291]	
30273-11-1	4-sec-butylaniline	C10H15N			[182, 182]
122-39-4	diphenylamine	C12H11N			[418, 421]
<i>Amino acids, amines with carboxylic or sulfonic acids</i>					
56-40-6	Glycine	C2H5NO2	[249]	[46]	
107-35-7	Taurine / Aminomethanesulfonic acid	C2H7NO3S		[377]	
56-41-7	Alanine	C3H7NO2		[46, 41]	
302-84-1	Serine	C3H7NO3	[249]		
2381-08-0	L-Cysteine sulfinic acid	C3H7NO4S		[369]	
107-68-6	N-Methyltaurine	C3H9NO3S		[369]	
496-93-5	canaline /O-Amino-L- homoserine	C4H10N2O 3		[383]	
617-45-8	Aspartic acid	C4H7NO4	[249]		
516-06-3	Valine	C5H11NO2	[249]	[41, 46]	
616-07-9	Ornithine	C5H12N2O 2		[46]	
609-36-9	Proline	C5H9NO2	[249]	[41, 46]	
617-65-2	Glutamic acid	C5H9NO4	[249]		
6665-12-9	Allysine	C6H11NO3		[41]	
328-39-2	Leucine	C6H13NO2	[249]	[41]	
73-32-5	Isoleucine	C6H13NO2		[46]	
56-87-1	Lysine	C6H14N2O 2		[46]	

3167-49-5	6-amino-3-pyridine carboxylic acid	C6H6N2O2	[178]	
74-79-3	Arginine	C6H14N4O2		[241]
9031-59-8	Anthranilate	C7HNO2	[45]	
2941-78-8	2-Amino-5-methylbenzoic acid	C8H9NO2		[241]
150-31-1	Phenylalanine	C9H11NO2	[249]	[46]
498-19-1	Homoserine	CH9NO3		[241]
2922-83-0	L-Kynurenine	C10H12N2O3	[45]	
606-14-4	3-Hydroxy-L-kynurenine	C10H12N2O4	[45]	
720-00-3	5-Hydroxykynurenine	C10H12N2O4	[45]	
na	4-(2-Aminophenyl)-2,4-dioxobutanoic acid / 4-(2-Aminophenyl)-2,4-dioxobutanoate	C10H9NO4	[45]	
na	4-(2-Amino-3-hydroxyphenyl)-2,4-dioxobutanoic acid / 4-(2-Amino-3-hydroxyphenyl)-2,4-dioxobutanoate	C10H9NO5	[45]	
	5-Hydroxy-L-tryptophan	C11H12N2O3	[45]	
1022-31-7	N-Formylkynurenine	C11H12N2O4	[45]	
853728-01-5	O-malonyl-L-carnitine / (3R)-3-[(carboxyacetyl)oxy]-4-(trimethylazaniumyl)butanoate	C10H17NO2	[383]	
28047-15-6	Phenylacetylglutamine	C13H16N2O4	[400]	
<i>Amines plus other functional groups</i>				

60-23-1	cysteamine	C2H7NS	[308]		
17220-38-1	Furazandiamine	C2H4N4O	[248]		
758-16-7	dimethylthioformamide	C3H7NS	[408]		
108-01-0	Dimethylethanolamine / Dimethylethanolamine	C4H11NO	[399]		[241]
13325-10-5	4-Amino-1-butanol	C4H11NO	[388]		
110-76-9	2-Ethoxyethylamine	C4H11NO			[241]
929-06-6	Diglycolamine	C4H11NO2	[388]		
608-27-5	2,3-dichlorobenzeneamine	C6H5Cl2N		[178]	
108-42-9	3-chlorobenzeneamine	C6H6ClN		[178]	
455-14-1	Benzenamine, 4- (trifluotomethyl)-	C7H6F3N	[364]		
43115-41-9	Phenol, 2-amino-5- (methylsulfonyl)	C7H9NO3S			[241]
38164-50-0	Phenol, 3-amino-, methanesulfonate (ester)	C7H9NO3S			[241]
123528-99-4	3,3-Dimethyl-4-methylamino- butan-2-one	C7H15NO			[241]
6970-60-1	2- Dimethylaminocyclohexanone	C8H15NO			
372-66-7	2-heptanol, 6-amino-2-methyl-	C8H19NO			[126]
613-89-8	2-aminoacetophenone	C8H9NO		[162]	
3665-80-3	n-ethyl-4-nitroaniline	C8H10N2O			[130]
26439-05-4	Octan-8-ol, 2,5-diaza-2,5- dimethyl	C8H20N2O			[241]
29927-08-0	2-amino-5,6- dimethylbenzothiazole	C9H10N2S	[383]		
85-91-6	N-methylantranilic acid, methyl ester / methyl-N- methylantranilate	C9H11NO2		[182, 182]	

94-09-7	benzocaine	C9H11NO2		[114]
99362-47-7	3-Hydroxykynurenamine	C9H12N2O 2	[45]	
708-23-6	5-Hydroxykynurenamine	C9H12N2O 2	[45]	
951-77-9	Cytidine, 2'-deoxy-	C9H13N3O 4		[241]
37421-04-8	2-phenoxyethylmethylamine	C9H13NO	[182]	
71126-65-3	N,N-dimethyl-3-butoxypropylamine	C9H21NO	[178]	
71126-69-7	N,N-dimethyl-3-benzyloxypropylamine	C12H19NO	[178]	
13445-60-8	Furfurylmethylamphetamine	C15H19NO	[409]	
50-59-9	Cephaloridine	C19H17N3 O4S2		[241]
<b>HYDRAZINES</b>				
302-01-2	hydrazine	H4N2	[408]	
624-80-6	1-ethylhydrazine	C2H8N2	[408]	
540-73-8	Hydrazine, 1,2-dimethyl-	C2H8N2	[364]	
1615-80-1	Hydrazine, 1,2-diethyl-	C4H12N2		[241]
616-40-0	1,1-diethylhydrazine	C4H12N2	[408]	
19031-77-7	Acetaldehyde, 2-propenylhydrazone	C5H10N2		[241]
114-83-0	Acetohydroxamic Acid / Acetylphenylhydrazine	C8H10N2O		[241]
<b>AZIDES, AZO</b>				
7782-79-8	azoimide	HN3	[408]	
503-28-6	azomethane	C2H6N2	[408]	
<b>NITRILES</b>				
74-90-8	hydrogen cyanide	HCN	[55, 307, 309, 378, 408]	

75-05-8	acetonitrile	C2H3N	[9, 216]	[197]	[6, 55-57, 106, 268, 275, 311, 316, 317, 324, 335, 363, 368, 370, 371, 372, 381, 385, 393, 404, 406, 407]	[410]	[106, 123, 125, 141]	[110]
107-13-1	2-propenenitrile / acrylonitrile	C3H3N			[6, 273, 274, 277, 278, 284, 301, 330, 345, 378, 381]		[161]	
107-12-0	propanenitrile	C3H5N			[6]			
126-98-7	2-cyano-1-propene	C4H5N			[6]			
4786-20-3	1-cyano-1-propylene	C4H5N			[408]			
78-82-0	1-cyano-1-methylethane	C4H7N			[408]			
109-74-0	1-cyanopropane / butyronitrile	C4H7N			[383, 408]			
1615-70-9	2,4-Pentadienenitrile	C5H5N						[117] [241]
16529-56-9	2-methyl-3-butenenitrile	C5H7N			[408]			
4403-61-6	2-cyano-2-butene	C5H7N		[193]				
4786-19-0	methallyl cyanide	C5H7N		[194]	[408]			
18936-17-9	2-cyanobutane / 2-Methylbutanenitrile	C5H9N			[383, 408]			
625-28-5	3-methylbutanenitrile / 2-methylbutane secondary mononitrile	C5H9N			[408]		[125]	
628-73-9	hexanenitrile	C6H11N	[9]					



542-54-1	4-methylpentanenitrile	C6H11N			[6]			
100-47-0	benzonitrile	C7H5N	[9, 222]		[6, 275, 353, 380, 403]			
100-45-8	4-cyanocyclohexene	C7H9N				[176]		
629-08-3	Heptanenitrile	C7H13N	[196]					
140-29-4	benzeneacetonitrile / benzyl nitrile	C8H7N					[125]	[111]
<i>Dinitrile</i>								
109-77-3	dicyanomethane	C3H2N2			[408]			
52833-34-8	Propanedinitrile, propylidene / Butene, dicyano-	C6H6N2						[241]
4553-62-2	1,3-dicyanobutane	C6H8N2			[408]			
623-26-7	1,4-benzenedicarbonitrile	C8H4N2				[178]		
<i>Nitrile with other (non-hydrocarbon) functional groups</i>								
107-91-5	Acetamide, 2-cyano-	C3H4N2O						[241]
1467-79-4	dimethylcyanamide	C3H6N2			[408]			
926-64-7	2-(dimethylamino)acetonitrile	C4H8N2	[216]	[194]	[6]		[110]	
75-86-5	Propanenitrile, 2-hydroxy-2- methyl / Acetone Cyanohydrin	C4H7NO						[241]
59121-24-3	4-methylthiobutane nitrile	C5H9NS		[258]				
100-54-9	3-pyridinecarbonitrile	C6H4N2	[9]					
5807-02-3	2-(N-morpholino)-acetonitrile	C6H10N2O			[408]			
85363-04-8	tert-butyl (cyanomethyl) carbamate	C7H12N2O 2					[125]	
n.a	3-methylbut-2-enoic acid, 4- cyanophenyl ester	C12H11NO 2					[125]	
<b>ISONITRILE</b>								
593-75-9	methyl isocyanide	C2H3N					[126]	

7188-38-7	Propane, 2-isocyano-2-methyl / tert-butyl isocyanide	C5H9N				[241]
<i>Imine</i>						
60-27-5	creatinine	C4H7N3O		[339]		
<i>Isocyanate</i>						
109-90-0	isocyanato-ethane	C3H5NO				
111-36-4	butylisocyanate	C5H9NO	[258]			
3173-53-3	isocyanatocyclohexane	C7H11NO		[6]		
17046-22-9	butyl isocyanatoacetate	C7H11NO3		[274]		
3173-56-6	isocyanato-3-methylbenzene	C8H7NO			[178]	
<b>AMIDES</b>						
<i>No other functional group (except hydrocarbon)</i>						
75-12-7	methanamide / formamide	CH3NO	[9]	[369, 408]		
60-35-5	acetamide	C2H5NO	[9]	[6, 322, 354]		[125]
123-39-7	N-methylformamide	C2H5NO		[194]		
68-12-2	N,N-dimethylformamide	C3H7NO		[194, 196]	[6, 275, 369, 404]	
79-05-0	propanamide	C3H7NO	[9]	[408]		[178]
79-39-0	2-Methylacrylamide	C4H7NO		[377]		
127-19-5	N,N-dimethylacetamide	C4H9NO		[6, 275, 400]		[241]
563-83-7	2-methylpropanamide	C4H9NO				[125]
617-84-5	N,N-diethylformamide	C5H11NO		[6, 275]		
541-46-8	3-methylbutanamide	C5H11NO				[125]
53099-32-4	2-Butynamide, N,N-dimethyl-	C6H9NO				[241]
628-02-4	caproamide	C6H13NO		[408]		

685-91-6	N,N-diethylacetamide	C6H13NO	[408]			[241]
1119-29-5	4-methyl-n-valeramide	C6H13NO	[408]			
766-93-8	cyclohexylformamide	C7H13NO	[383, 408]			
33695-58-8	4-Ethylbenzamide	C9H11NO	[369]			
4361-29-9	3-Cyclohexylpropionamide	C9H17NO	[369]			
761-65-9	N,N-dibutylformamide	C9H19NO	[196]		[156]	
10546-70-0	n-propylbenzamide	C10H13NO		[182]	[156]	[420]
1563-90-2	N,N-dibutylacetamide	C10H21NO			[156]	
134-62-3	N,N-diethyl-3-methylbenzamide / DEET	C12H17NO		[178]		
55282-35-4	N,N-didodecyl formamide	C25H51NO		[178]		
<i>Amides with other functional group</i>						
640-19-7	2-fluoroacetamide	C2H4FNO			[130]	
107-91-5	Acetamide, 2-cyano-	C3H4N2O				[241]
2043-43-8	2-hydroxypropanamide	C3H7NO2	[369, 408]			
39546-32-2	4-Piperidinecarboxamide / Isonipecotamide	C6H12N2O				[241]
59445-85-1	3-Acetoamidofuran	C6H7NO2	[196]			
114-83-0	Acetohydroxamic Acid / Acetylphenylhydrazine	C8H10N2O				[241]
88-97-1	2-carbamoylbenzoic acid / Phthalamic acid	C8H7NO3	[377]			
103-90-2	N-(4-hydroxyphenyl)acetamide / hydroxy acetanilide / hydroxyl acatanilide / paracetamol	C8H9NO		[182]		[420]
1022-31-7	N-Formylkynurenine	C11H12N2O4	[45]			

20696-57-5	tryptophan amide	C11H13N3 O	[383]		
52450-38-1	Formyl-N-acetyl-5-methoxykynurenamine	C13H16N2 O4	[45]		
120-40-1	N,N-bis(2-hydroxyethyl)dodecanamide	C16H33NO 3		[178]	
<i>Carbamates &amp; carboxamide</i>					
51-79-6	ethyl carbamate	C3H7NO2		[176]	
34277-65-1	acetylthiocarbamic acid, methyl ester	C4H7NO2S		[178]	
622-46-8	Phenyl carbamate	C7H7NO2			[111]
85363-04-8	tert-butyl (cyanomethyl) carbamate	C7H12N2O 2		[125]	
1943-79-9	phenyl methylcarbamate	C8H9NO2	[369]	[133]	
66085-12-9	Carbamic acid, (3-ethylphenyl)-, ethyl ester	C11H15NO 2			[241]
na	Carbamic acid, N-[1,1-bis(trifluoromethyl)ethyl]-, 4-(1,1,3,3-tetramethylbutyl)phenyl ester	C19H25F6 NO2	[253]		
na	Cyclobutane-1,1-dicarboxamide, N,N'-dibenzoyloxy-	C20H18N2 O6	[369, 377]		
<i>Ureas</i>					
57-13-6	urea / carbamide	CH4N2O	[383, 399]	[178]	
598-50-5	methylurea	C2H6N2O		[178]	
598-94-7	N,N-dimethylurea	C3H8N2O	[194]		
96-31-1	dimethylurea / Urea, N,N'-dimethyl-	C3H8N2O	[383]		
623-59-6	1-Acetyl-3-methylurea	C4H8N2O2			[241]
634-95-7	1,1-diethylurea	C5H12N2O	[408]		

632-22-4	tetramethylurea	C5H12N2O		[6]		
1187-03-7	1,1,3,3-tetraethylurea	C9H20N2O		[6]		
<i>Carbamimidate</i>						
57536-14-8	O-Butylisourea	C5H12N2O		[369]		
<i>Nitrocompounds</i>						
75-52-5	nitromethane	CH3NO3		[408]		[155]
7119-89-3	Methane, dichloronitro-	CHCl2NO2		[369]		
na	nitropropane	C3H7NO2		[324]		
625-74-1	2-methyl-1-nitropropane	C4H9NO2	[258]	[369]		
5390-28-3	Ethanol, 2-nitro-, propionate (ester)	C5H9NO4		[369]		
646-14-0	1-Nitro-hexane	C6H13NO2	[253]			
88-89-1	Phenol, 2,4,6-trinitro-	C6H3N3O7			[409]	
98-95-3	Nitrobenzene	C6H5NO2				[161]
639-39-0	1-nitroheptane	C7H15NO2	[247]	[253]		
3665-80-3	n-ethyl-4-nitroaniline	C8H10N2O				[130]
na	Benzene, 1,2-bis(hexyloxy)-4-nitro-	C18H29NO4		[369]		
<i>Hydroxylamines</i>						
1117-97-1	N-methoxymethylamine	C2H7NO		[408]		
5618-62-2	Hydroxylamine, O-(2-methylpropyl)-	C4H11NO		[369]		
5963-74-6	Hydroxylamine, O-pentyl-	C5H13NO				[241]
<i>Nitrosocompounds</i>						
15216-10-1	Azetidene, 1-nitroso-	C3H6N2O				[241]
55090-44-3	N-methyl-N-nitroso-1-dodecanamine	C13H28N2O			[178]	
<i>Oximes</i>						

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546-88-3	N-Hydroxyacetamide / Acetohydroxamic acid	C2H5NO2	[377]		
5780-40-5	(1Z)-3-methylbutanal oxime	C5H11NO		[125]	
3717-22-4	Benzaldehyde, 4-methoxy-, oxime, (Z)- (p-Anisaldehyde, oxime)	C8H9NO2			[241]
na	Oxime-, methoxy-phenyl-	C8H9NO2	[247]	[130]	[241]
<i>Amine oxides</i>					
1184-78-7	trimethylamine-N-oxide	C3H9NO	[362, 408]		
60729-78-4	N,N-dimethyl-1-tridecanamine oxide	C15H33NO		[178]	

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