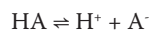


## DISSOCIATION CONSTANTS OF ORGANIC ACIDS AND BASES

This table lists the dissociation (ionization) constants of over 1070 organic acids, bases, and amphoteric compounds. All data apply to dilute aqueous solutions and are presented as values of  $pK_a$ , which is defined as the negative of the logarithm of the equilibrium constant  $K_a$  for the reaction

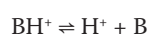


i.e.,

$$K_a = [H^+][A^-]/[HA]$$

where  $[H^+]$ , etc. represent the concentrations of the respective species in mol/L. It follows that  $pK_a = pH + \log[HA] - \log[A^-]$ , so that a solution with 50% dissociation has pH equal to the  $pK_a$  of the acid.

Data for bases are presented as  $pK_a$  values for the conjugate acid, i.e., for the reaction



In older literature, an ionization constant  $K_b$  was used for the reaction  $B + H_2O$

$\rightleftharpoons BH^+ + OH^-$ . This is related to  $K_a$  by

$$pK_a + pK_b = pK_{\text{water}} = 14.00 \quad (\text{at } 25^\circ\text{C})$$

Compounds are listed by molecular formula in Hill order.

### References

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Mol. form.	Name	Step	t/°C	pK <sub>a</sub>
CHNO	Cyanic acid		25	3.7
CH <sub>2</sub> N <sub>2</sub>	Cyanamide		29	1.1
CH <sub>2</sub> O	Formaldehyde		25	13.27
CH <sub>2</sub> O <sub>2</sub>	Formic acid		25	3.75
CH <sub>3</sub> NO <sub>2</sub>	Nitromethane		25	10.21
CH <sub>3</sub> NS <sub>2</sub>	Carbamodithioic acid		25	2.95
CH <sub>4</sub> N <sub>2</sub> O	Urea		25	0.10
CH <sub>4</sub> N <sub>2</sub> S	Thiourea		25	-1
CH <sub>4</sub> O	Methanol		25	15.5
CH <sub>4</sub> S	Methanethiol		25	10.33
CH <sub>5</sub> N	Methylamine		25	10.66
CH <sub>5</sub> NO	O-Methylhydroxylamine			12.5
CH <sub>5</sub> N <sub>3</sub>	Guanidine		25	13.6
C <sub>2</sub> HCl <sub>3</sub> O	Trichloroacetaldehyde		25	10.04
C <sub>2</sub> HCl <sub>3</sub> O <sub>2</sub>	Trichloroacetic acid		20	0.66
C <sub>2</sub> HF <sub>3</sub> O <sub>2</sub>	Trifluoroacetic acid		25	0.52
C <sub>2</sub> H <sub>2</sub> Cl <sub>2</sub> O <sub>2</sub>	Dichloroacetic acid		25	1.35
C <sub>2</sub> H <sub>2</sub> O <sub>3</sub>	Glyoxylic acid		25	3.18
C <sub>2</sub> H <sub>2</sub> O <sub>4</sub>	Oxalic acid	1	25	1.25
		2	25	3.81
C <sub>2</sub> H <sub>3</sub> BrO <sub>2</sub>	Bromoacetic acid		25	2.90
C <sub>2</sub> H <sub>3</sub> ClO <sub>2</sub>	Chloroacetic acid		25	2.87
C <sub>2</sub> H <sub>3</sub> Cl <sub>3</sub> O	2,2,2-Trichloroethanol		25	12.24
C <sub>2</sub> H <sub>3</sub> FO <sub>2</sub>	Fluoroacetic acid		25	2.59
C <sub>2</sub> H <sub>3</sub> F <sub>3</sub> O	2,2,2-Trifluoroethanol		25	12.37
C <sub>2</sub> H <sub>3</sub> IO <sub>2</sub>	Iodoacetic acid		25	3.18
C <sub>2</sub> H <sub>3</sub> NO <sub>4</sub>	Nitroacetic acid		24	1.48
C <sub>2</sub> H <sub>3</sub> N <sub>3</sub>	1H-1,2,3-Triazole		20	1.17
C <sub>2</sub> H <sub>3</sub> N <sub>3</sub>	1H-1,2,4-Triazole		20	2.27
C <sub>2</sub> H <sub>4</sub> N <sub>2</sub>	Aminoacetonitrile		25	5.34
C <sub>2</sub> H <sub>4</sub> O	Acetaldehyde		25	13.57
C <sub>2</sub> H <sub>4</sub> OS	Thioacetic acid		25	3.33
C <sub>2</sub> H <sub>4</sub> O <sub>2</sub>	Acetic acid		25	4.756
C <sub>2</sub> H <sub>4</sub> O <sub>2</sub> S	Thioglycolic acid		25	3.68
C <sub>2</sub> H <sub>4</sub> O <sub>3</sub>	Glycolic acid		25	3.83
C <sub>2</sub> H <sub>5</sub> N	Ethyleneimine		25	8.04

Mol. form.	Name	Step	t/°C	pK <sub>a</sub>
C <sub>2</sub> H <sub>5</sub> NO	Acetamide		25	15.1
C <sub>2</sub> H <sub>5</sub> NO <sub>2</sub>	Acetohydroxamic acid			8.70
C <sub>2</sub> H <sub>5</sub> NO <sub>2</sub>	Nitroethane		25	8.46
C <sub>2</sub> H <sub>5</sub> NO <sub>2</sub>	Glycine	1	25	2.35
		2	25	9.78
C <sub>2</sub> H <sub>5</sub> N <sub>2</sub>	Ethanimidamide		25	12.1
C <sub>2</sub> H <sub>6</sub> O	Ethanol		25	15.5
C <sub>2</sub> H <sub>6</sub> OS	2-Mercaptoethanol		25	9.72
C <sub>2</sub> H <sub>6</sub> O <sub>2</sub>	Ethyleneglycol		25	15.1
C <sub>2</sub> H <sub>7</sub> AsO <sub>2</sub>	Dimethylarsinic acid	1	25	1.57
		2	25	6.27
C <sub>2</sub> H <sub>7</sub> N	Ethylamine		25	10.65
C <sub>2</sub> H <sub>7</sub> N	Dimethylamine		25	10.73
C <sub>2</sub> H <sub>7</sub> NO	Ethanolamine		25	9.50
C <sub>2</sub> H <sub>7</sub> NO <sub>3</sub> S	2-Aminoethanesulfonic acid	1	25	1.5
		2	25	9.06
C <sub>2</sub> H <sub>7</sub> NS	Cysteamine	1	25	8.27
		2	25	10.53
C <sub>2</sub> H <sub>7</sub> N <sub>5</sub>	Biguanide	1		11.52
		2		2.93
C <sub>2</sub> H <sub>8</sub> N <sub>2</sub>	1,2-Ethanediamine	1	25	9.92
		2	25	6.86
C <sub>2</sub> H <sub>8</sub> O <sub>7</sub> P <sub>2</sub>	1-Hydroxy-1,1-diphosphonoethane	1		1.35
		2		2.87
		3		7.03
		4		11.3
C <sub>3</sub> H <sub>2</sub> O <sub>2</sub>	2-Propynoic acid		25	1.84
C <sub>3</sub> H <sub>3</sub> NO	Oxazole		33	0.8
C <sub>3</sub> H <sub>3</sub> NO	Isoxazole		25	-2.0
C <sub>3</sub> H <sub>3</sub> NO <sub>2</sub>	Cyanoacetic acid		25	2.47
C <sub>3</sub> H <sub>3</sub> NS	Thiazole		25	2.52
C <sub>3</sub> H <sub>3</sub> N <sub>3</sub> O <sub>3</sub>	Cyanuric acid	1		6.88
		2		11.40
		3		13.5
C <sub>3</sub> H <sub>4</sub> N <sub>2</sub>	1H-Pyrazole		25	2.49
C <sub>3</sub> H <sub>4</sub> N <sub>2</sub>	Imidazole		25	6.99

Mol. form.	Name	Step	t/°C	pK <sub>a</sub>	Mol. form.	Name	Step	t/°C	pK <sub>a</sub>
C <sub>3</sub> H <sub>4</sub> N <sub>2</sub> S	2-Thiazolamine		20	5.36	C <sub>4</sub> H <sub>4</sub> N <sub>4</sub> O <sub>2</sub>	5-Nitropyrimidinamine		20	0.35
C <sub>3</sub> H <sub>4</sub> O	Propargyl alcohol		25	13.6	C <sub>4</sub> H <sub>4</sub> O <sub>2</sub>	2-Butynoic acid		25	2.62
C <sub>3</sub> H <sub>4</sub> O <sub>2</sub>	Acrylic acid		25	4.25	C <sub>4</sub> H <sub>4</sub> O <sub>4</sub>	Maleic acid	1	25	1.92
C <sub>3</sub> H <sub>4</sub> O <sub>3</sub>	Pyruvic acid		25	2.39			2	25	6.23
C <sub>3</sub> H <sub>4</sub> O <sub>4</sub>	Malonic acid	1	25	2.85	C <sub>4</sub> H <sub>4</sub> O <sub>4</sub>	Fumaric acid	1	25	3.02
		2	25	5.70			2	25	4.38
C <sub>3</sub> H <sub>4</sub> O <sub>5</sub>	Hydroxypropanedioic acid	1	25	2.42	C <sub>4</sub> H <sub>4</sub> O <sub>5</sub>	Oxaloacetic acid	1	25	2.55
		2		4.54			2	25	4.37
C <sub>3</sub> H <sub>5</sub> BrO <sub>2</sub>	3-Bromopropanoic acid		25	4.00			3	25	13.03
C <sub>3</sub> H <sub>5</sub> ClO <sub>2</sub>	2-Chloropropanoic acid		25	2.83	C <sub>4</sub> H <sub>5</sub> N	Pyrrole		25	-3.8
C <sub>3</sub> H <sub>5</sub> ClO <sub>2</sub>	3-Chloropropanoic acid		25	3.98	C <sub>4</sub> H <sub>5</sub> NO <sub>2</sub>	Succinimide		25	9.62
C <sub>3</sub> H <sub>6</sub> N <sub>2</sub>	3-Aminopropanenitrile		20	7.80	C <sub>4</sub> H <sub>5</sub> N <sub>3</sub>	2-Pyrimidinamine		20	3.45
C <sub>3</sub> H <sub>6</sub> N <sub>6</sub>	1,3,5-Triazine-2,4,6-triamine		25	5.00	C <sub>4</sub> H <sub>5</sub> N <sub>3</sub>	4-Pyrimidinamine		20	5.71
					C <sub>4</sub> H <sub>5</sub> N <sub>3</sub> O	Cytosine	1		4.60
C <sub>3</sub> H <sub>6</sub> O	Allyl alcohol		25	15.5			2		12.16
C <sub>3</sub> H <sub>6</sub> O <sub>2</sub>	Propanoic acid		25	4.87	C <sub>4</sub> H <sub>5</sub> N <sub>3</sub> O <sub>2</sub>	6-Methyl-1,2,4-triazine-3,5(2H,4H)-dione			7.6
C <sub>3</sub> H <sub>6</sub> O <sub>2</sub> S	(Methylthio)acetic acid		25	3.66				25	6.95
C <sub>3</sub> H <sub>6</sub> O <sub>3</sub>	Lactic acid		25	3.86	C <sub>4</sub> H <sub>6</sub> N <sub>2</sub>	1-Methylimidazol		25	6.95
C <sub>3</sub> H <sub>6</sub> O <sub>3</sub>	3-Hydroxypropanoic acid		25	4.51	C <sub>4</sub> H <sub>6</sub> N <sub>4</sub> O <sub>3</sub>	Allantoin		25	8.96
C <sub>3</sub> H <sub>6</sub> O <sub>4</sub>	Glyceric acid		25	3.52	C <sub>4</sub> H <sub>6</sub> N <sub>4</sub> O <sub>3</sub> S <sub>2</sub>	Acetazolamide			7.2
C <sub>3</sub> H <sub>7</sub> N	Allylamine		25	9.49	C <sub>4</sub> H <sub>6</sub> O <sub>2</sub>	<i>trans</i> -Crotonic acid		25	4.69
C <sub>3</sub> H <sub>7</sub> N	Azetidine		25	11.29	C <sub>4</sub> H <sub>6</sub> O <sub>2</sub>	3-Butenoic acid		25	4.34
C <sub>3</sub> H <sub>7</sub> NO	2-Propanone oxime		25	12.42	C <sub>4</sub> H <sub>6</sub> O <sub>2</sub>	Cyclopropanecarboxylic acid		25	4.83
C <sub>3</sub> H <sub>7</sub> NO <sub>2</sub>	<i>L</i> -Alanine	1	25	2.34	C <sub>4</sub> H <sub>6</sub> O <sub>3</sub>	2-Oxobutanoic acid		25	2.50
		2	25	9.87	C <sub>4</sub> H <sub>6</sub> O <sub>3</sub>	Acetoacetic acid		25	3.6
C <sub>3</sub> H <sub>7</sub> NO <sub>2</sub>	$\beta$ -Alanine	1	25	3.55	C <sub>4</sub> H <sub>6</sub> O <sub>4</sub>	Succinic acid	1	25	4.21
		2	25	10.24			2	25	5.64
C <sub>3</sub> H <sub>7</sub> NO <sub>2</sub>	Sarcosine	1	25	2.21	C <sub>4</sub> H <sub>6</sub> O <sub>4</sub>	Methylmalonic acid	1	25	3.07
		2	25	10.1			2	25	5.76
C <sub>3</sub> H <sub>7</sub> NO <sub>2</sub> S	<i>L</i> -Cysteine	1	25	1.5	C <sub>4</sub> H <sub>6</sub> O <sub>5</sub>	Malic acid	1	25	3.40
		2	25	8.7			2	25	5.11
		3	25	10.2	C <sub>4</sub> H <sub>6</sub> O <sub>6</sub>	<i>DL</i> -Tartaric acid	1	25	3.03
C <sub>3</sub> H <sub>7</sub> NO <sub>3</sub>	<i>L</i> -Serine	1	25	2.19			2	25	4.37
		2	25	9.21	C <sub>4</sub> H <sub>6</sub> O <sub>6</sub>	<i>meso</i> -Tartaric acid	1	25	3.17
C <sub>3</sub> H <sub>7</sub> NO <sub>3</sub> S	<i>DL</i> -Cysteic acid	1	25	1.3			2	25	4.91
		2	25	1.9	C <sub>4</sub> H <sub>6</sub> O <sub>6</sub>	<i>L</i> -Tartaric acid	1	25	2.98
		3	25	8.70			2	25	4.34
C <sub>3</sub> H <sub>7</sub> N <sub>3</sub> O <sub>2</sub>	Glycocyanine		25	2.82	C <sub>4</sub> H <sub>6</sub> O <sub>8</sub>	Dihydroxytartaric acid		25	1.92
C <sub>3</sub> H <sub>8</sub> O <sub>2</sub>	Ethylene glycol monomethyl ether		25	14.8	C <sub>4</sub> H <sub>7</sub> ClO <sub>2</sub>	2-Chlorobutanoic acid			2.86
C <sub>3</sub> H <sub>8</sub> O <sub>3</sub>	Glycerol		25	14.15	C <sub>4</sub> H <sub>7</sub> ClO <sub>2</sub>	3-Chlorobutanoic acid			4.05
C <sub>3</sub> H <sub>9</sub> N	Propylamine		25	10.54	C <sub>4</sub> H <sub>7</sub> ClO <sub>2</sub>	4-Chlorobutanoic acid			4.52
C <sub>3</sub> H <sub>9</sub> N	Isopropylamine		25	10.63	C <sub>4</sub> H <sub>7</sub> NO <sub>2</sub>	4-Cyanobutanoic acid		25	2.42
C <sub>3</sub> H <sub>9</sub> N	Trimethylamine		25	9.80	C <sub>4</sub> H <sub>7</sub> NO <sub>3</sub>	<i>N</i> -Acetylglycine		25	3.67
C <sub>3</sub> H <sub>9</sub> NO	2-Methoxyethylamine		25	9.40	C <sub>4</sub> H <sub>7</sub> NO <sub>4</sub>	Iminodiacetic acid	1		2.98
C <sub>3</sub> H <sub>9</sub> NO	Trimethylamine oxide		20	4.65			2		9.89
C <sub>3</sub> H <sub>10</sub> N <sub>2</sub>	1,2-Propanediamine, ( $\pm$ )	1	25	9.82	C <sub>4</sub> H <sub>7</sub> NO <sub>4</sub>	<i>L</i> -Aspartic acid	1	25	1.99
		2	25	6.61			2	25	3.90
C <sub>3</sub> H <sub>10</sub> N <sub>2</sub>	1,3-Propanediamine	1	25	10.55			3	25	9.90
		2	25	8.88	C <sub>4</sub> H <sub>7</sub> N <sub>3</sub> O	Creatinine	1	25	4.8
C <sub>3</sub> H <sub>10</sub> N <sub>2</sub> O	1,3-Diamino-2-propanol	1	20	9.69			2		9.2
		2	20	7.93	C <sub>4</sub> H <sub>7</sub> N <sub>5</sub>	2,4,6-Pyrimidinetriamine		20	6.84
C <sub>3</sub> H <sub>11</sub> N <sub>3</sub>	1,2,3-Triaminopropane	1	20	9.59	C <sub>4</sub> H <sub>8</sub> N <sub>2</sub> O <sub>3</sub>	<i>L</i> -Asparagine	1	20	2.1
		2	20	7.95			2	20	8.80
C <sub>4</sub> H <sub>4</sub> FN <sub>3</sub> O	Flucytosine			3.26	C <sub>4</sub> H <sub>8</sub> N <sub>2</sub> O <sub>3</sub>	<i>N</i> -Glycylglycine	1	25	3.14
C <sub>4</sub> H <sub>4</sub> N <sub>2</sub>	Pyrazine		20	0.65			2		8.17
C <sub>4</sub> H <sub>4</sub> N <sub>2</sub>	Pyrimidine		20	1.23	C <sub>4</sub> H <sub>8</sub> O <sub>2</sub>	Butanoic acid		25	4.83
C <sub>4</sub> H <sub>4</sub> N <sub>2</sub>	Pyridazine		20	2.24	C <sub>4</sub> H <sub>8</sub> O <sub>2</sub>	2-Methylpropanoic acid		20	4.84
C <sub>4</sub> H <sub>4</sub> N <sub>2</sub> O <sub>2</sub>	Uracil		25	9.45	C <sub>4</sub> H <sub>8</sub> O <sub>3</sub>	3-Hydroxybutanoic acid, ( $\pm$ )		25	4.70
C <sub>4</sub> H <sub>4</sub> N <sub>2</sub> O <sub>3</sub>	Barbituric acid		25	4.01	C <sub>4</sub> H <sub>8</sub> O <sub>3</sub>	4-Hydroxybutanoic acid		25	4.72
C <sub>4</sub> H <sub>4</sub> N <sub>2</sub> O <sub>5</sub>	Alloxanic acid		25	6.64	C <sub>4</sub> H <sub>8</sub> O <sub>3</sub>	Ethoxyacetic acid		18	3.65
					C <sub>4</sub> H <sub>9</sub> N	Pyrrrolidine		25	11.31

Mol. form.	Name	Step	t/°C	pK <sub>a</sub>	Mol. form.	Name	Step	t/°C	pK <sub>a</sub>
C <sub>4</sub> H <sub>9</sub> NO	Morpholine		25	8.50	C <sub>5</sub> H <sub>5</sub> NO <sub>2</sub>	1 <i>H</i> -Pyrrole-3-carboxylic acid		20	5.00
C <sub>4</sub> H <sub>9</sub> NO <sub>2</sub>	2-Methylalanine	1	25	2.36	C <sub>5</sub> H <sub>5</sub> N <sub>3</sub> O	Pyrazinecarboxamide			0.5
C <sub>4</sub> H <sub>9</sub> NO <sub>2</sub>	<i>N,N</i> -Dimethylglycine		25	9.89	C <sub>5</sub> H <sub>5</sub> N <sub>5</sub>	Adenine	1		4.3
C <sub>4</sub> H <sub>9</sub> NO <sub>2</sub>	<i>DL</i> -2-Aminobutanoic acid	1	25	2.29			2		9.83
C <sub>4</sub> H <sub>9</sub> NO <sub>2</sub>	4-Aminobutanoic acid	2	25	9.83	C <sub>5</sub> H <sub>5</sub> N <sub>5</sub> O	Guanine		40	9.92
C <sub>4</sub> H <sub>9</sub> NO <sub>2</sub>		1	25	4.031	C <sub>5</sub> H <sub>6</sub> N <sub>2</sub>	2-Pyridinamine		20	6.82
C <sub>4</sub> H <sub>9</sub> NO <sub>2</sub> S	<i>DL</i> -Homocysteine	2	25	10.556	C <sub>5</sub> H <sub>6</sub> N <sub>2</sub>	3-Pyridinamine		25	6.04
		1	25	2.22	C <sub>5</sub> H <sub>6</sub> N <sub>2</sub>	4-Pyridinamine		25	9.11
		2	25	8.87	C <sub>5</sub> H <sub>6</sub> N <sub>2</sub>	2-Methylpyrazine		27	1.45
		3	25	10.86	C <sub>5</sub> H <sub>6</sub> N <sub>2</sub> O <sub>2</sub>	Thymine		25	9.94
C <sub>4</sub> H <sub>9</sub> NO <sub>3</sub>	<i>L</i> -Threonine	1	25	2.09	C <sub>5</sub> H <sub>6</sub> O <sub>4</sub>	1,1-Cyclopropanedi-carboxylic acid	1	25	1.82
		2	25	9.10			2	25	7.43
C <sub>4</sub> H <sub>9</sub> NO <sub>3</sub>	<i>L</i> -Homoserine	1	25	2.71	C <sub>5</sub> H <sub>6</sub> O <sub>4</sub>	<i>trans</i> -1-Propene-1,2-dicarboxylic acid	1	25	3.09
		2	25	9.62			2	25	4.75
C <sub>4</sub> H <sub>9</sub> N <sub>3</sub> O <sub>2</sub>	Creatine	1	25	2.63	C <sub>5</sub> H <sub>6</sub> O <sub>4</sub>	1-Propene-2,3-dicarboxylic acid	1	25	3.85
		2	25	14.3			2	25	5.45
C <sub>4</sub> H <sub>10</sub> N <sub>2</sub>	Piperazine	1	25	9.73	C <sub>5</sub> H <sub>6</sub> O <sub>5</sub>	2-Oxoglutaric acid	1	25	2.47
		2	25	5.33			2	25	4.68
C <sub>4</sub> H <sub>10</sub> N <sub>2</sub> O <sub>2</sub>	2,4-Diaminobutanoic acid	1	25	1.85	C <sub>5</sub> H <sub>7</sub> NO <sub>3</sub>	5,5-Dimethyl-2,4-oxazolinedione		37	6.13
		2	25	8.24					
		3	25	10.44	C <sub>5</sub> H <sub>7</sub> NO <sub>3</sub>	<i>L</i> -Pyroglutamic acid		25	3.32
C <sub>4</sub> H <sub>10</sub> O <sub>4</sub>	1,2,3,4-Butanetetrol			13.9	C <sub>5</sub> H <sub>7</sub> N <sub>3</sub>	2,5-Pyridinediamine		20	6.48
C <sub>4</sub> H <sub>11</sub> N	Butylamine		25	10.60	C <sub>5</sub> H <sub>7</sub> N <sub>3</sub>	Methylaminopyrazine		25	3.39
C <sub>4</sub> H <sub>11</sub> N	<i>sec</i> -Butylamine		25	10.56	C <sub>5</sub> H <sub>7</sub> N <sub>3</sub> O <sub>4</sub>	Azaserine			8.55
C <sub>4</sub> H <sub>11</sub> N	<i>tert</i> -Butylamine		25	10.68	C <sub>5</sub> H <sub>8</sub> N <sub>2</sub>	2,4-Dimethylimidazole		25	8.36
C <sub>4</sub> H <sub>11</sub> N	Diethylamine		25	10.84	C <sub>5</sub> H <sub>8</sub> N <sub>2</sub> O <sub>3</sub> S <sub>2</sub>	Methazolamide			7.30
C <sub>4</sub> H <sub>11</sub> NO <sub>3</sub>	Tris(hydroxymethyl)methylamine		20	8.3	C <sub>5</sub> H <sub>8</sub> O <sub>2</sub>	<i>trans</i> -3-Pentenoic acid		25	4.51
					C <sub>5</sub> H <sub>8</sub> O <sub>4</sub>	Dimethylmalonic acid		25	3.15
C <sub>4</sub> H <sub>12</sub> N <sub>2</sub>	1,4-Butanediamine	1	25	10.80	C <sub>5</sub> H <sub>8</sub> O <sub>4</sub>	Glutaric acid	1	18	4.32
		2	25	9.63			2	25	5.42
C <sub>5</sub> H <sub>4</sub> BrN	3-Bromopyridine		25	2.84	C <sub>5</sub> H <sub>8</sub> O <sub>4</sub>	Methylsuccinic acid	1	25	4.13
C <sub>5</sub> H <sub>4</sub> ClN	2-Chloropyridine		25	0.49			2	25	5.64
C <sub>5</sub> H <sub>4</sub> ClN	3-Chloropyridine		25	2.81	C <sub>5</sub> H <sub>9</sub> NO <sub>2</sub>	<i>L</i> -Proline	1	25	1.95
C <sub>5</sub> H <sub>4</sub> ClN	4-Chloropyridine		25	3.83			2	25	10.64
C <sub>5</sub> H <sub>4</sub> FN	2-Fluoropyridine		25	-0.44	C <sub>5</sub> H <sub>9</sub> NO <sub>3</sub>	5-Amino-4-oxopentanoic acid	1	25	4.05
C <sub>5</sub> H <sub>4</sub> N <sub>2</sub> O <sub>2</sub>	4-Nitropyridine		25	1.61			2	25	8.90
C <sub>5</sub> H <sub>4</sub> N <sub>4</sub>	1 <i>H</i> -Purine	1	20	2.30	C <sub>5</sub> H <sub>9</sub> NO <sub>3</sub>	<i>trans</i> -4-Hydroxyproline	1	25	1.82
		2	20	8.96			2	25	9.66
C <sub>5</sub> H <sub>4</sub> N <sub>4</sub> O	Hypoxanthine		25	8.7	C <sub>5</sub> H <sub>9</sub> NO <sub>4</sub>	<i>L</i> -Glutamic acid	1	25	2.13
C <sub>5</sub> H <sub>4</sub> N <sub>4</sub> O	Allopurinol			10.2			2	25	4.31
C <sub>5</sub> H <sub>4</sub> N <sub>4</sub> O <sub>3</sub>	Uric acid		12	3.89			3		9.67
C <sub>5</sub> H <sub>4</sub> N <sub>4</sub> S	1,7-Dihydro-6 <i>H</i> -purine-6-thione	1		7.77	C <sub>5</sub> H <sub>9</sub> N <sub>3</sub>	Histamine	1	25	6.04
		2		11.17			2	25	9.75
C <sub>5</sub> H <sub>4</sub> O <sub>2</sub> S	2-Thiophenecarboxylic acid		25	3.49	C <sub>5</sub> H <sub>10</sub> N <sub>2</sub> O <sub>3</sub>	Glycylalanine		25	3.15
C <sub>5</sub> H <sub>4</sub> O <sub>2</sub> S	3-Thiophenecarboxylic acid		25	4.1	C <sub>5</sub> H <sub>10</sub> N <sub>2</sub> O <sub>3</sub>	<i>L</i> -Glutamine	1	25	2.17
C <sub>5</sub> H <sub>4</sub> O <sub>3</sub>	2-Furancarboxylic acid		25	3.16			2	25	9.13
C <sub>5</sub> H <sub>4</sub> O <sub>3</sub>	3-Furancarboxylic acid		25	3.9	C <sub>5</sub> H <sub>10</sub> N <sub>2</sub> O <sub>4</sub>	Glycylserine	1	25	2.98
C <sub>5</sub> H <sub>5</sub> N	Pyridine		25	5.23			2	25	8.38
C <sub>5</sub> H <sub>5</sub> NO	2-Pyridinol	1	20	0.75	C <sub>5</sub> H <sub>10</sub> O <sub>2</sub>	Pentanoic acid		20	4.83
		2	20	11.65	C <sub>5</sub> H <sub>10</sub> O <sub>2</sub>	2-Methylbutanoic acid		25	4.80
C <sub>5</sub> H <sub>5</sub> NO	3-Pyridinol	1	20	4.79	C <sub>5</sub> H <sub>10</sub> O <sub>2</sub>	3-Methylbutanoic acid		25	4.77
		2	20	8.75	C <sub>5</sub> H <sub>10</sub> O <sub>2</sub>	2,2-Dimethylpropanoic acid		20	5.03
C <sub>5</sub> H <sub>5</sub> NO	4-Pyridinol	1	20	3.20	C <sub>5</sub> H <sub>10</sub> O <sub>4</sub>	<i>D</i> -2-Deoxyribose		25	12.61
		2	20	11.12	C <sub>5</sub> H <sub>10</sub> O <sub>5</sub>	<i>L</i> -Ribose		25	12.22
C <sub>5</sub> H <sub>5</sub> NO	2(1 <i>H</i> )-Pyridinone	1	20	0.75	C <sub>5</sub> H <sub>10</sub> O <sub>5</sub>	<i>D</i> -Xylose		18	12.14
		2	20	11.65	C <sub>5</sub> H <sub>11</sub> N	Piperidine		25	11.123
C <sub>5</sub> H <sub>5</sub> NO	Pyridine-1-oxide		24	0.79	C <sub>5</sub> H <sub>11</sub> N	<i>N</i> -Methylpyrrolidine		25	10.46
C <sub>5</sub> H <sub>5</sub> NO <sub>2</sub>	1 <i>H</i> -Pyrrole-2-carboxylic acid		20	4.45	C <sub>5</sub> H <sub>11</sub> NO	4-Methylmorpholine		25	7.38
					C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub>	<i>L</i> -Valine	1	25	2.29
							2	25	9.74

Mol. form.	Name	Step	t/°C	pK <sub>a</sub>	Mol. form.	Name	Step	t/°C	pK <sub>a</sub>
C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub>	<i>DL</i> -Norvaline	1		2.36			3	20	9.31
		2		9.72	C <sub>6</sub> H <sub>6</sub> BrN	2-Bromoaniline		25	2.53
C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub>	<i>L</i> -Norvaline	1	25	2.32	C <sub>6</sub> H <sub>6</sub> BrN	3-Bromoaniline		25	3.53
		2	25	9.81	C <sub>6</sub> H <sub>6</sub> BrN	4-Bromoaniline		25	3.89
C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub>	<i>N</i> -Propylglycine	1	25	2.35	C <sub>6</sub> H <sub>6</sub> ClN	2-Chloroaniline		25	2.66
		2	25	10.19	C <sub>6</sub> H <sub>6</sub> ClN	3-Chloroaniline		25	3.52
C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub>	5-Aminopentanoic acid	1	25	4.27	C <sub>6</sub> H <sub>6</sub> ClN	4-Chloroaniline		25	3.98
		2	25	10.77	C <sub>6</sub> H <sub>6</sub> FN	2-Fluoroaniline		25	3.20
C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub>	Betaine		0	1.83	C <sub>6</sub> H <sub>6</sub> FN	3-Fluoroaniline		25	3.59
C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub> S	<i>L</i> -Methionine	1	25	2.13	C <sub>6</sub> H <sub>6</sub> FN	4-Fluoroaniline		25	4.65
		2	25	9.27	C <sub>6</sub> H <sub>6</sub> IN	2-Iodoaniline		25	2.54
C <sub>5</sub> H <sub>12</sub> N <sub>2</sub> O	Tetramethylurea			2	C <sub>6</sub> H <sub>6</sub> IN	3-Iodoaniline		25	3.58
C <sub>5</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub>	<i>L</i> -Ornithine	1	25	1.71	C <sub>6</sub> H <sub>6</sub> IN	4-Iodoaniline		25	3.81
		2	25	8.69	C <sub>6</sub> H <sub>6</sub> N <sub>2</sub> O	3-Pyridinecarboxamide		20	3.3
		3	25	10.76	C <sub>6</sub> H <sub>6</sub> N <sub>2</sub> O	2-Pyridinecarbox- aldehyde oxime	1	20	3.59
C <sub>5</sub> H <sub>13</sub> N	Pentylamine		25	10.63			2	20	10.18
C <sub>5</sub> H <sub>13</sub> N	3-Pentanamine		17	10.59	C <sub>6</sub> H <sub>6</sub> N <sub>2</sub> O <sub>2</sub>	2-Nitroaniline		25	-0.25
C <sub>5</sub> H <sub>13</sub> N	3-Methyl-1-butanamine		25	10.60	C <sub>6</sub> H <sub>6</sub> N <sub>2</sub> O <sub>2</sub>	3-Nitroaniline		25	2.46
C <sub>5</sub> H <sub>13</sub> N	2-Methyl-2-butanamine		19	10.85	C <sub>6</sub> H <sub>6</sub> N <sub>2</sub> O <sub>2</sub>	4-Nitroaniline		25	1.02
C <sub>5</sub> H <sub>13</sub> N	2,2-Dimethylpropylamine		25	10.15	C <sub>6</sub> H <sub>6</sub> O	Phenol		25	9.99
C <sub>5</sub> H <sub>13</sub> N	Diethylmethylamine		25	10.35	C <sub>6</sub> H <sub>6</sub> O <sub>2</sub>	<i>p</i> -Hydroquinone	1	25	9.85
C <sub>5</sub> H <sub>14</sub> NO	Choline		25	13.9			2	25	11.4
C <sub>5</sub> H <sub>14</sub> N <sub>2</sub>	1,5-Pentanediamine	1	25	10.05	C <sub>6</sub> H <sub>6</sub> O <sub>2</sub>	Pyrocatechol	1	25	9.34
		2	25	10.93			2	25	12.6
C <sub>6</sub> H <sub>3</sub> Cl <sub>3</sub> N <sub>2</sub> O <sub>2</sub>	4-Amino-3,5,6-trichloro- 2-pyridinecarboxylic acid			3.6	C <sub>6</sub> H <sub>6</sub> O <sub>2</sub>	Resorcinol	1	25	9.32
							2	25	11.1
C <sub>6</sub> H <sub>3</sub> N <sub>3</sub> O <sub>7</sub>	2,4,6-Trinitrophenol		24	0.42	C <sub>6</sub> H <sub>6</sub> O <sub>2</sub> S	Benzenesulfinic acid		20	1.3
C <sub>6</sub> H <sub>4</sub> Cl <sub>2</sub> O	2,3-Dichlorophenol		25	7.44	C <sub>6</sub> H <sub>6</sub> O <sub>3</sub> S	Benzenesulfonic acid		25	0.70
C <sub>6</sub> H <sub>4</sub> N <sub>2</sub> O <sub>5</sub>	2,4-Dinitrophenol		25	4.07	C <sub>6</sub> H <sub>6</sub> O <sub>4</sub>	5-Hydroxy-2-(hydroxy- methyl)-4H-pyran-4-one			7.9
C <sub>6</sub> H <sub>4</sub> N <sub>2</sub> O <sub>5</sub>	2,5-Dinitrophenol		15	5.15					
C <sub>6</sub> H <sub>4</sub> N <sub>4</sub>	Pteridine		20	4.05	C <sub>6</sub> H <sub>6</sub> O <sub>4</sub> S	3-Hydroxybenzene- sulfonic acid		25	9.07
C <sub>6</sub> H <sub>3</sub> BrO	2-Bromophenol		25	8.45	C <sub>6</sub> H <sub>6</sub> O <sub>4</sub> S	4-Hydroxybenzene- sulfonic acid		25	9.11
C <sub>6</sub> H <sub>3</sub> BrO	3-Bromophenol		25	9.03					
C <sub>6</sub> H <sub>3</sub> BrO	4-Bromophenol		25	9.37	C <sub>6</sub> H <sub>6</sub> O <sub>6</sub>	<i>cis</i> -1-Propene-1,2,3- tricarboxylic acid		25	1.95
C <sub>6</sub> H <sub>3</sub> Br <sub>2</sub> N	3,5-Dibromoaniline		25	2.34					
C <sub>6</sub> H <sub>3</sub> ClO	2-Chlorophenol		25	8.56	C <sub>6</sub> H <sub>6</sub> O <sub>6</sub>	<i>trans</i> -1-Propene-1,2,3- tricarboxylic acid	1	25	2.80
C <sub>6</sub> H <sub>3</sub> ClO	3-Chlorophenol		25	9.12			2	25	4.46
C <sub>6</sub> H <sub>3</sub> ClO	4-Chlorophenol		25	9.41	C <sub>6</sub> H <sub>6</sub> S	Benzenethiol		25	6.62
C <sub>6</sub> H <sub>3</sub> Cl <sub>2</sub> N	2,4-Dichloroaniline		22	2.05	C <sub>6</sub> H <sub>7</sub> BO <sub>2</sub>	Benzenboronic acid			8.83
C <sub>6</sub> H <sub>3</sub> FO	2-Fluorophenol		25	8.73	C <sub>6</sub> H <sub>7</sub> N	Aniline		25	4.87
C <sub>6</sub> H <sub>3</sub> FO	3-Fluorophenol		25	9.29	C <sub>6</sub> H <sub>7</sub> N	2-Methylpyridine		25	6.00
C <sub>6</sub> H <sub>3</sub> FO	4-Fluorophenol		25	9.89	C <sub>6</sub> H <sub>7</sub> N	3-Methylpyridine		25	5.70
C <sub>6</sub> H <sub>3</sub> IO	2-Iodophenol		25	8.51	C <sub>6</sub> H <sub>7</sub> N	4-Methylpyridine		25	5.99
C <sub>6</sub> H <sub>3</sub> IO	3-Iodophenol		25	9.03	C <sub>6</sub> H <sub>7</sub> NO	2-Aminophenol	1	20	4.78
C <sub>6</sub> H <sub>3</sub> IO	4-Iodophenol		25	9.33			2	20	9.97
C <sub>6</sub> H <sub>3</sub> NO	2-Pyridinecarboxaldehyde		25	12.68	C <sub>6</sub> H <sub>7</sub> NO	3-Aminophenol	1	20	4.37
C <sub>6</sub> H <sub>3</sub> NO	4-Pyridinecarboxaldehyde		30	12.05			2	20	9.82
C <sub>6</sub> H <sub>3</sub> NO <sub>2</sub>	Nitrobenzene		0	3.98	C <sub>6</sub> H <sub>7</sub> NO	4-Aminophenol	1	25	5.48
C <sub>6</sub> H <sub>3</sub> NO <sub>2</sub>	2-Pyridinecarboxylic acid	1	20	0.99			2	25	10.30
		2	20	5.39	C <sub>6</sub> H <sub>7</sub> NO	2-Methoxypyridine		20	3.28
C <sub>6</sub> H <sub>3</sub> NO <sub>2</sub>	3-Pyridinecarboxylic acid	1	25	2.00	C <sub>6</sub> H <sub>7</sub> NO	3-Methoxypyridine		25	4.78
		2	25	4.82	C <sub>6</sub> H <sub>7</sub> NO	4-Methoxypyridine		25	6.58
C <sub>6</sub> H <sub>3</sub> NO <sub>2</sub>	4-Pyridinecarboxylic acid	1	25	1.77	C <sub>6</sub> H <sub>7</sub> NO <sub>3</sub> S	2-Aminobenzenesulfonic acid		25	2.46
		2	25	4.84					
C <sub>6</sub> H <sub>3</sub> NO <sub>3</sub>	2-Nitrophenol		25	7.23	C <sub>6</sub> H <sub>7</sub> NO <sub>3</sub> S	3-Aminobenzenesulfonic acid		25	3.74
C <sub>6</sub> H <sub>3</sub> NO <sub>3</sub>	3-Nitrophenol		25	8.36					
C <sub>6</sub> H <sub>3</sub> NO <sub>3</sub>	4-Nitrophenol		25	7.15	C <sub>6</sub> H <sub>7</sub> NO <sub>3</sub> S	4-Aminobenzenesulfonic acid		25	3.23
C <sub>6</sub> H <sub>3</sub> N <sub>3</sub>	1 <i>H</i> -Benzotriazole		20	1.6					
C <sub>6</sub> H <sub>3</sub> N <sub>3</sub> O	2-Amino-4- hydroxypteridine	1	20	2.27	C <sub>6</sub> H <sub>8</sub> N <sub>2</sub>	<i>N</i> -Methylpyridinamine		20	9.65
		2	20	7.96	C <sub>6</sub> H <sub>8</sub> N <sub>2</sub>	<i>o</i> -Phenylenediamine	1	20	4.57
C <sub>6</sub> H <sub>5</sub> N <sub>5</sub> O <sub>2</sub>	Xanthopterin	2	20	6.59					

Mol. form.	Name	Step	<i>t</i> /°C	p <i>K</i> <sub>a</sub>	Mol. form.	Name	Step	<i>t</i> /°C	p <i>K</i> <sub>a</sub>
		2	20	0.80	C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub>	<i>L</i> -Leucine	1	25	2.33
C <sub>6</sub> H <sub>8</sub> N <sub>2</sub>	<i>m</i> -Phenylenediamine	1	20	5.11	C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub>	<i>L</i> -Isoleucine	2	25	9.74
		2	20	2.50	C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub>	<i>L</i> -Norleucine	1	25	2.32
C <sub>6</sub> H <sub>8</sub> N <sub>2</sub>	<i>p</i> -Phenylenediamine	1	20	6.31	C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub>	<i>L</i> -Norleucine	2	25	9.76
		2	20	2.97	C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub>	<i>L</i> -Norleucine	1	25	2.34
C <sub>6</sub> H <sub>8</sub> N <sub>2</sub>	Phenylhydrazine	15	8.79		C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub>	6-Aminohexanoic acid	2	25	9.83
C <sub>6</sub> H <sub>8</sub> O <sub>2</sub>	2,4-Hexadienoic acid	25	4.76		C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub>	6-Aminohexanoic acid	1	25	4.37
C <sub>6</sub> H <sub>8</sub> O <sub>2</sub>	1,3-Cyclohexanedione	25	5.26		C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub>	6-Aminohexanoic acid	2	25	10.80
C <sub>6</sub> H <sub>8</sub> O <sub>4</sub>	2,2-Dimethyl-1,3-dioxane-4,6-dione		5.1		C <sub>6</sub> H <sub>13</sub> NO <sub>4</sub>	<i>N,N</i> -Bis(2-hydroxyethyl)glycine	2	20	8.35
C <sub>6</sub> H <sub>8</sub> O <sub>6</sub>	<i>L</i> -Ascorbic acid	1	25	4.04	C <sub>6</sub> H <sub>13</sub> N <sub>3</sub> O <sub>3</sub>	Citrulline	1	25	2.43
		2	16	11.7	C <sub>6</sub> H <sub>13</sub> N <sub>3</sub> O <sub>3</sub>	Citrulline	2	25	9.69
C <sub>6</sub> H <sub>8</sub> O <sub>7</sub>	Citric acid	1	25	3.13	C <sub>6</sub> H <sub>14</sub> N <sub>2</sub>	<i>cis</i> -1,2-Cyclohexanediamine	1	20	9.93
		2	25	4.76	C <sub>6</sub> H <sub>14</sub> N <sub>2</sub>	<i>cis</i> -1,2-Cyclohexanediamine	2	20	6.13
		3	25	6.40	C <sub>6</sub> H <sub>14</sub> N <sub>2</sub>	<i>trans</i> -1,2-Cyclohexanediamine	1	20	9.94
C <sub>6</sub> H <sub>8</sub> O <sub>7</sub>	Isocitric acid	1	25	3.29	C <sub>6</sub> H <sub>14</sub> N <sub>2</sub>	<i>trans</i> -1,2-Cyclohexanediamine	2	20	6.47
		2	25	4.71	C <sub>6</sub> H <sub>14</sub> N <sub>2</sub>	<i>cis</i> -2,5-Dimethylpiperazine	1	25	9.66
		3	25	6.40	C <sub>6</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub>	<i>L</i> -Lysine	2	25	5.20
C <sub>6</sub> H <sub>9</sub> NO <sub>6</sub>	Nitrilotriacetic acid	1	20	3.03	C <sub>6</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub>	<i>L</i> -Lysine	1	25	2.16
		2	20	3.07	C <sub>6</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub>	<i>L</i> -Lysine	2	25	9.06
		3	20	10.70	C <sub>6</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub>	<i>L</i> -Lysine	3	25	10.54
C <sub>6</sub> H <sub>9</sub> NO <sub>6</sub>	<i>L</i> -γ-Carboxyglutamic acid	1	25	1.7	C <sub>6</sub> H <sub>14</sub> N <sub>4</sub> O <sub>2</sub>	<i>L</i> -Arginine	1	25	1.82
		2	25	3.2	C <sub>6</sub> H <sub>14</sub> N <sub>4</sub> O <sub>2</sub>	<i>L</i> -Arginine	2	25	8.99
		3	25	4.75	C <sub>6</sub> H <sub>14</sub> N <sub>4</sub> O <sub>2</sub>	<i>L</i> -Arginine	3	25	12.5
		4	25	9.9	C <sub>6</sub> H <sub>14</sub> O <sub>6</sub>	<i>D</i> -Mannitol	18		13.5
C <sub>6</sub> H <sub>9</sub> N <sub>3</sub>	4,6-Dimethylpyrimidinamine		20	4.82	C <sub>6</sub> H <sub>15</sub> N	Hexylamine	25		10.56
C <sub>6</sub> H <sub>9</sub> N <sub>3</sub> O <sub>2</sub>	<i>L</i> -Histidine	1	25	1.80	C <sub>6</sub> H <sub>15</sub> N	Diisopropylamine	25		11.05
		2	25	6.04	C <sub>6</sub> H <sub>15</sub> N	Triethylamine	25		10.75
		3	25	9.33	C <sub>6</sub> H <sub>15</sub> NO <sub>3</sub>	Triethanolamine	25		7.76
C <sub>6</sub> H <sub>10</sub> O <sub>2</sub>	Cyclopentanecarboxylic acid	25	4.99	C <sub>6</sub> H <sub>16</sub> N <sub>2</sub>	1,6-Hexanediamine	1	0	11.86	
C <sub>6</sub> H <sub>10</sub> O <sub>3</sub>	Ethyl acetoacetate	25	10.68	C <sub>6</sub> H <sub>16</sub> N <sub>2</sub>	1,6-Hexanediamine	2	0	10.76	
C <sub>6</sub> H <sub>10</sub> O <sub>4</sub>	3-Methylglutaric acid	25	4.24	C <sub>6</sub> H <sub>16</sub> N <sub>2</sub>	<i>N,N,N',N'</i> -Tetramethyl-1,2-ethanediamine	1	25	10.40	
C <sub>6</sub> H <sub>10</sub> O <sub>4</sub>	Adipic acid	1	18	4.41	C <sub>6</sub> H <sub>16</sub> N <sub>2</sub>	<i>N,N,N',N'</i> -Tetramethyl-1,2-ethanediamine	2	25	8.26
		2	18	5.41	C <sub>6</sub> H <sub>19</sub> NSi <sub>2</sub>	Hexamethyldisilazane			7.55
C <sub>6</sub> H <sub>11</sub> NO <sub>2</sub>	2-Piperidinecarboxylic acid	1	25	2.28	C <sub>7</sub> HF <sub>5</sub> O <sub>2</sub>	Pentafluorobenzoic acid	25		1.75
		2	25	10.72	C <sub>7</sub> H <sub>3</sub> Br <sub>2</sub> NO	3,5-Dibromo-4-hydroxybenzotrile			4.06
C <sub>6</sub> H <sub>11</sub> NO <sub>3</sub>	Adipamic acid	25	4.63	C <sub>7</sub> H <sub>3</sub> N <sub>3</sub> O <sub>8</sub>	2,4,6-Trinitrobenzoic acid	25		0.65	
C <sub>6</sub> H <sub>11</sub> NO <sub>4</sub>	2-Amino adipic acid	1	25	2.14	C <sub>7</sub> H <sub>4</sub> Cl <sub>3</sub> NO <sub>3</sub>	Triclopyr	25		2.68
		2	25	4.21	C <sub>7</sub> H <sub>4</sub> N <sub>2</sub> O <sub>6</sub>	2,4-Dinitrobenzoic acid	25		1.43
		3	25	9.77	C <sub>7</sub> H <sub>5</sub> BrO <sub>2</sub>	2-Bromobenzoic acid	25		2.85
C <sub>6</sub> H <sub>11</sub> N <sub>3</sub> O <sub>4</sub>	<i>N</i> -( <i>N</i> -Glycylglycyl)glycine	1	25	3.225	C <sub>7</sub> H <sub>5</sub> BrO <sub>2</sub>	3-Bromobenzoic acid	25		3.81
		2	25	8.09	C <sub>7</sub> H <sub>5</sub> BrO <sub>2</sub>	4-Bromobenzoic acid	25		3.96
C <sub>6</sub> H <sub>11</sub> N <sub>3</sub> O <sub>4</sub>	Glycylasparagine	1	25	2.942	C <sub>7</sub> H <sub>5</sub> ClO <sub>2</sub>	2-Chlorobenzoic acid	25		2.90
		2	18	8.44	C <sub>7</sub> H <sub>5</sub> ClO <sub>2</sub>	3-Chlorobenzoic acid	25		3.84
C <sub>6</sub> H <sub>12</sub> N <sub>2</sub>	Triethylenediamine	1		3.0	C <sub>7</sub> H <sub>5</sub> ClO <sub>2</sub>	4-Chlorobenzoic acid	25		4.00
		2		8.7	C <sub>7</sub> H <sub>5</sub> FO <sub>2</sub>	2-Fluorobenzoic acid	25		3.27
C <sub>6</sub> H <sub>12</sub> N <sub>2</sub> O <sub>4</sub> S <sub>2</sub>	<i>L</i> -Cystine	1		1	C <sub>7</sub> H <sub>5</sub> FO <sub>2</sub>	3-Fluorobenzoic acid	25		3.86
		2		2.1	C <sub>7</sub> H <sub>5</sub> FO <sub>2</sub>	4-Fluorobenzoic acid	25		4.15
		3		8.02	C <sub>7</sub> H <sub>5</sub> FO <sub>2</sub>	4-Fluorobenzoic acid	25		4.15
		4		8.71	C <sub>7</sub> H <sub>5</sub> F <sub>3</sub> O	2-(Trifluoromethyl)phenol	25		8.95
C <sub>6</sub> H <sub>12</sub> O <sub>2</sub>	Hexanoic acid	25	4.85	C <sub>7</sub> H <sub>5</sub> F <sub>3</sub> O	3-(Trifluoromethyl)phenol	25		8.68	
C <sub>6</sub> H <sub>12</sub> O <sub>2</sub>	4-Methylpentanoic acid	18	4.84	C <sub>7</sub> H <sub>5</sub> IO <sub>2</sub>	2-Iodobenzoic acid	25		2.86	
C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>	β- <i>D</i> -Fructose	25	12.27	C <sub>7</sub> H <sub>5</sub> IO <sub>2</sub>	3-Iodobenzoic acid	25		3.87	
C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>	α- <i>D</i> -Glucose	25	12.46	C <sub>7</sub> H <sub>5</sub> IO <sub>2</sub>	4-Iodobenzoic acid	25		4.00	
C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>	<i>D</i> -Mannose	25	12.08	C <sub>7</sub> H <sub>5</sub> NO	2-Hydroxybenzotrile	25		6.86	
C <sub>6</sub> H <sub>13</sub> N	Cyclohexylamine	25	10.64	C <sub>7</sub> H <sub>5</sub> NO	3-Hydroxybenzotrile	25		8.61	
C <sub>6</sub> H <sub>13</sub> N	1-Methylpiperidine	25	10.38	C <sub>7</sub> H <sub>5</sub> NO	4-Hydroxybenzotrile	25		7.97	
C <sub>6</sub> H <sub>13</sub> N	1,2-Dimethylpyrrolidine	26	10.20	C <sub>7</sub> H <sub>5</sub> NO <sub>3</sub> S	Saccharin	18		11.68	
C <sub>6</sub> H <sub>13</sub> NO	<i>N</i> -Ethylmorpholine	25	7.67	C <sub>7</sub> H <sub>5</sub> NO <sub>4</sub>	2-Nitrobenzoic acid	25		2.17	
				C <sub>7</sub> H <sub>5</sub> NO <sub>4</sub>	3-Nitrobenzoic acid	25		3.46	
				C <sub>7</sub> H <sub>5</sub> NO <sub>4</sub>	4-Nitrobenzoic acid	25		3.43	

Mol. form.	Name	Step	t/°C	pK <sub>a</sub>	Mol. form.	Name	Step	t/°C	pK <sub>a</sub>
C <sub>7</sub> H <sub>5</sub> NO <sub>4</sub>	2,3-Pyridinedicarboxylic acid	1	25	2.43	C <sub>7</sub> H <sub>9</sub> N	2-Methylaniline		25	4.45
		2	25	4.78	C <sub>7</sub> H <sub>9</sub> N	3-Methylaniline		25	4.71
C <sub>7</sub> H <sub>5</sub> NO <sub>4</sub>	2,4-Pyridinedicarboxylic acid	1	25	2.15	C <sub>7</sub> H <sub>9</sub> N	4-Methylaniline		25	5.08
					C <sub>7</sub> H <sub>9</sub> N	N-Methylaniline		25	4.85
C <sub>7</sub> H <sub>5</sub> NO <sub>4</sub>	2,6-Pyridinedicarboxylic acid	1	25	2.16	C <sub>7</sub> H <sub>9</sub> N	2-Ethylpyridine		25	5.89
		2	25	4.76	C <sub>7</sub> H <sub>9</sub> N	2,3-Dimethylpyridine		25	6.57
C <sub>7</sub> H <sub>5</sub> NO <sub>4</sub>	3,5-Pyridinedicarboxylic acid	1	25	2.80	C <sub>7</sub> H <sub>9</sub> N	2,4-Dimethylpyridine		25	6.99
	Chlorothiazide	1		6.85	C <sub>7</sub> H <sub>9</sub> N	2,5-Dimethylpyridine		25	6.40
		2		9.45	C <sub>7</sub> H <sub>9</sub> N	2,6-Dimethylpyridine		25	6.65
C <sub>7</sub> H <sub>6</sub> ClN <sub>3</sub> O <sub>4</sub> S <sub>2</sub>					C <sub>7</sub> H <sub>9</sub> N	3,4-Dimethylpyridine		25	6.46
C <sub>7</sub> H <sub>6</sub> F <sub>3</sub> N	3-(Trifluoromethyl)aniline		25	3.49	C <sub>7</sub> H <sub>9</sub> N	3,5-Dimethylpyridine		25	6.15
C <sub>7</sub> H <sub>6</sub> F <sub>3</sub> N	4-(Trifluoromethyl)aniline		25	2.45	C <sub>7</sub> H <sub>9</sub> NO	2-Methoxyaniline		25	4.53
C <sub>7</sub> H <sub>6</sub> N <sub>2</sub>	1 <i>H</i> -Benzimidazole		25	5.53	C <sub>7</sub> H <sub>9</sub> NO	3-Methoxyaniline		25	4.20
C <sub>7</sub> H <sub>6</sub> N <sub>2</sub>	2-Aminobenzonitrile		25	0.77	C <sub>7</sub> H <sub>9</sub> NO	4-Methoxyaniline		25	5.36
C <sub>7</sub> H <sub>6</sub> N <sub>2</sub>	3-Aminobenzonitrile		25	2.75	C <sub>7</sub> H <sub>9</sub> NS	2-(Methylthio)aniline		25	3.45
C <sub>7</sub> H <sub>6</sub> N <sub>2</sub>	4-Aminobenzonitrile		25	1.74	C <sub>7</sub> H <sub>9</sub> NS	4-(Methylthio)aniline		25	4.35
C <sub>7</sub> H <sub>6</sub> O	Benzaldehyde		25	14.90	C <sub>7</sub> H <sub>9</sub> N <sub>5</sub>	2-Dimethylaminopurine	1	20	4.00
C <sub>7</sub> H <sub>6</sub> O <sub>2</sub>	Benzoic acid		25	4.204			2	20	10.24
C <sub>7</sub> H <sub>6</sub> O <sub>2</sub>	Salicylaldehyde		25	8.37	C <sub>7</sub> H <sub>11</sub> N <sub>3</sub> O <sub>2</sub>	L-1-Methylhistidine	1	25	1.69
C <sub>7</sub> H <sub>6</sub> O <sub>2</sub>	3-Hydroxybenzaldehyde		25	8.98			2	25	6.48
C <sub>7</sub> H <sub>6</sub> O <sub>2</sub>	4-Hydroxybenzaldehyde		25	7.61			3	25	8.85
C <sub>7</sub> H <sub>6</sub> O <sub>3</sub>	2-Hydroxybenzoic acid	1	20	2.98	C <sub>7</sub> H <sub>11</sub> N <sub>3</sub> O <sub>2</sub>	L-3-Methylhistidine	1	25	1.92
		2	20	13.6			2	25	6.56
C <sub>7</sub> H <sub>6</sub> O <sub>3</sub>	3-Hydroxybenzoic acid	1	25	4.08			3	25	8.73
		2	19	9.92	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub>	Cyclohexanecarboxylic acid		25	4.91
C <sub>7</sub> H <sub>6</sub> O <sub>3</sub>	4-Hydroxybenzoic acid	1	25	4.57	C <sub>7</sub> H <sub>12</sub> O <sub>4</sub>	Heptanedioic acid	1	25	4.71
		2	25	9.46			2	25	5.58
C <sub>7</sub> H <sub>6</sub> O <sub>4</sub>	2,4-Dihydroxybenzoic acid	1	25	3.11	C <sub>7</sub> H <sub>12</sub> O <sub>4</sub>	Butylpropanedioic acid	1	5	2.96
		2	25	8.55	C <sub>7</sub> H <sub>13</sub> NO <sub>4</sub>	α-Ethylglutamic acid	1	25	3.846
		3	25	14.0			2	25	7.838
C <sub>7</sub> H <sub>6</sub> O <sub>4</sub>	2,5-Dihydroxybenzoic acid	1	25	2.97	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub>	Heptanoic acid		25	4.89
C <sub>7</sub> H <sub>6</sub> O <sub>4</sub>	3,4-Dihydroxybenzoic acid	1	25	4.48	C <sub>7</sub> H <sub>14</sub> O <sub>6</sub>	α-Methylglucoside		25	13.71
		2	25	8.83	C <sub>7</sub> H <sub>15</sub> N	1-Ethylpiperidine		23	10.45
		3	25	12.6	C <sub>7</sub> H <sub>15</sub> N	1,2-Dimethylpiperidine,(±)		25	10.22
C <sub>7</sub> H <sub>6</sub> O <sub>4</sub>	3,5-Dihydroxybenzoic acid	1	25	4.04	C <sub>7</sub> H <sub>15</sub> NO <sub>3</sub>	Carnitine		25	3.80
C <sub>7</sub> H <sub>6</sub> O <sub>5</sub>	2,4,6-Trihydroxybenzoic acid		25	1.68	C <sub>7</sub> H <sub>17</sub> N	Heptylamine		25	10.67
					C <sub>7</sub> H <sub>17</sub> N	2-Heptanamine		19	10.7
C <sub>7</sub> H <sub>6</sub> O <sub>5</sub>	3,4,5-Trihydroxybenzoic acid		25	4.41	C <sub>8</sub> H <sub>5</sub> NO <sub>2</sub>	3-Cyanobenzoic acid		25	3.60
					C <sub>8</sub> H <sub>5</sub> NO <sub>2</sub>	4-Cyanobenzoic acid		25	3.55
C <sub>7</sub> H <sub>7</sub> NO	Benzamide		25	13	C <sub>8</sub> H <sub>6</sub> N <sub>2</sub>	Cinnoline		20	2.37
C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub>	Aniline-2-carboxylic acid	1	25	2.17	C <sub>8</sub> H <sub>6</sub> N <sub>2</sub>	Quinazoline		29	3.43
		2	25	4.85	C <sub>8</sub> H <sub>6</sub> N <sub>2</sub>	Quinoxaline		20	0.56
C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub>	Aniline-3-carboxylic acid	1	25	3.07	C <sub>8</sub> H <sub>6</sub> N <sub>2</sub>	Phthalazine		20	3.47
		2	25	4.79	C <sub>8</sub> H <sub>6</sub> N <sub>4</sub> O <sub>5</sub>	Nitrofurantoin			7.2
C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub>	Aniline-4-carboxylic acid	1	25	2.50	C <sub>8</sub> H <sub>6</sub> O <sub>3</sub>	3-Formylbenzoic acid		25	3.84
		2	25	4.87	C <sub>8</sub> H <sub>6</sub> O <sub>3</sub>	4-Formylbenzoic acid		25	3.77
C <sub>7</sub> H <sub>7</sub> NO <sub>3</sub>	4-Amino-2-hydroxybenzoic acid			3.25	C <sub>8</sub> H <sub>6</sub> O <sub>4</sub>	Phthalic acid	1	25	2.943
							2	25	5.432
C <sub>7</sub> H <sub>8</sub> ClN <sub>3</sub> O <sub>4</sub> S <sub>2</sub>	Hydrochlorothiazide	1		7.9	C <sub>8</sub> H <sub>6</sub> O <sub>4</sub>	Isophthalic acid	1	25	3.70
		2		9.2			2	25	4.60
C <sub>7</sub> H <sub>8</sub> N <sub>4</sub> O <sub>2</sub>	Theobromine		18	7.89	C <sub>8</sub> H <sub>6</sub> O <sub>4</sub>	Terephthalic acid	1	25	3.54
C <sub>7</sub> H <sub>8</sub> N <sub>4</sub> O <sub>2</sub>	Theophylline	1	25	8.77			2	25	4.34
C <sub>7</sub> H <sub>8</sub> O	<i>o</i> -Cresol		25	10.29	C <sub>8</sub> H <sub>7</sub> ClO <sub>2</sub>	2-Chlorobenzeneacetic acid		25	4.07
C <sub>7</sub> H <sub>8</sub> O	<i>m</i> -Cresol		25	10.09	C <sub>8</sub> H <sub>7</sub> ClO <sub>2</sub>	3-Chlorobenzeneacetic acid		25	4.14
C <sub>7</sub> H <sub>8</sub> O	<i>p</i> -Cresol		25	10.26	C <sub>8</sub> H <sub>7</sub> ClO <sub>2</sub>	4-Chlorobenzeneacetic acid		25	4.19
C <sub>7</sub> H <sub>8</sub> OS	4-(Methylthio)phenol		25	9.53	C <sub>8</sub> H <sub>7</sub> ClO <sub>3</sub>	2-Chlorophenoxyacetic acid		25	3.05
C <sub>7</sub> H <sub>8</sub> O <sub>2</sub>	2-Methoxyphenol		25	9.98	C <sub>8</sub> H <sub>7</sub> ClO <sub>3</sub>	3-Chlorophenoxyacetic acid		25	3.10
C <sub>7</sub> H <sub>8</sub> O <sub>2</sub>	3-Methoxyphenol		25	9.65	C <sub>8</sub> H <sub>7</sub> NO <sub>4</sub>	2-Nitrobenzeneacetic acid		25	4.00
C <sub>7</sub> H <sub>8</sub> O <sub>2</sub>	4-Methoxyphenol		25	10.21	C <sub>8</sub> H <sub>7</sub> NO <sub>4</sub>	3-Nitrobenzeneacetic acid		25	3.97
C <sub>7</sub> H <sub>8</sub> S	Benzenemethanethiol		25	9.43	C <sub>8</sub> H <sub>7</sub> NO <sub>4</sub>	4-Nitrobenzeneacetic acid		25	3.85
C <sub>7</sub> H <sub>9</sub> N	Benzylamine		25	9.34	C <sub>8</sub> H <sub>8</sub> F <sub>3</sub> N <sub>3</sub> O <sub>4</sub> S <sub>2</sub>	Hydroflumethiazide	1		8.9

Mol. form.	Name	Step	t/°C	pK <sub>a</sub>	Mol. form.	Name	Step	t/°C	pK <sub>a</sub>
		2		9.7			2	25	8.2
C <sub>8</sub> H <sub>8</sub> N <sub>2</sub>	2-Methyl-1 <i>H</i> -benzimidazole	1	25	6.19	C <sub>8</sub> H <sub>16</sub> N <sub>2</sub> O <sub>4</sub> S <sub>2</sub>	Homocystine	1	25	1.59
C <sub>8</sub> H <sub>8</sub> O <sub>2</sub>	<i>o</i> -Toluic acid		25	3.91			2	25	2.54
C <sub>8</sub> H <sub>8</sub> O <sub>2</sub>	<i>m</i> -Toluic acid		25	4.25			3	25	8.52
C <sub>8</sub> H <sub>8</sub> O <sub>2</sub>	<i>p</i> -Toluic acid		25	4.37			4	25	9.44
C <sub>8</sub> H <sub>8</sub> O <sub>2</sub>	Benzeneacetic acid		25	4.31	C <sub>8</sub> H <sub>16</sub> O <sub>2</sub>	Octanoic acid		25	4.89
C <sub>8</sub> H <sub>8</sub> O <sub>2</sub>	1-(2-Hydroxyphenyl)ethanone		25	10.06	C <sub>8</sub> H <sub>16</sub> O <sub>2</sub>	2-Propylpentanoic acid			4.6
C <sub>8</sub> H <sub>8</sub> O <sub>2</sub>	1-(3-Hydroxyphenyl)ethanone		25	9.19	C <sub>8</sub> H <sub>17</sub> N	2-Propylpiperidine,( <i>S</i> )			10.9
C <sub>8</sub> H <sub>8</sub> O <sub>2</sub>	1-(4-Hydroxyphenyl)ethanone		25	8.05	C <sub>8</sub> H <sub>17</sub> N	2,2,4-Trimethylpiperidine		30	11.04
C <sub>8</sub> H <sub>8</sub> O <sub>3</sub>	2-Methoxybenzoic acid		25	4.08	C <sub>8</sub> H <sub>17</sub> NO	<i>trans</i> -6-Propyl-3-piperidinol,(3 <i>S</i> )			10.3
C <sub>8</sub> H <sub>8</sub> O <sub>3</sub>	3-Methoxybenzoic acid		25	4.10	C <sub>8</sub> H <sub>19</sub> N	Octylamine		25	10.65
C <sub>8</sub> H <sub>8</sub> O <sub>3</sub>	4-Methoxybenzoic acid		25	4.50	C <sub>8</sub> H <sub>19</sub> N	<i>N</i> -Methyl-2-heptanamine		17	10.99
C <sub>8</sub> H <sub>8</sub> O <sub>3</sub>	Phenoxyacetic acid		25	3.17	C <sub>8</sub> H <sub>19</sub> N	Dibutylamine		21	11.25
C <sub>8</sub> H <sub>8</sub> O <sub>3</sub>	Mandelic acid		25	3.37	C <sub>8</sub> H <sub>20</sub> N <sub>2</sub>	1,8-Octanediamine	1	20	11.00
C <sub>8</sub> H <sub>8</sub> O <sub>4</sub>	2,5-Hydroxybenzeneacetic acid		25	4.40			2	20	10.1
C <sub>8</sub> H <sub>9</sub> NO	Acetanilide		25	0.5	C <sub>9</sub> H <sub>6</sub> BrN	3-Bromoquinoline		25	2.69
C <sub>8</sub> H <sub>9</sub> NO <sub>2</sub>	2-(Methylamino)benzoic acid		25	5.34	C <sub>9</sub> H <sub>7</sub> ClO <sub>2</sub>	<i>trans</i> - <i>o</i> -Chlorocinnamic acid		25	4.23
C <sub>8</sub> H <sub>9</sub> NO <sub>2</sub>	3-(Methylamino)benzoic acid		25	5.10	C <sub>9</sub> H <sub>7</sub> ClO <sub>2</sub>	<i>trans</i> - <i>m</i> -Chlorocinnamic acid		25	4.29
C <sub>8</sub> H <sub>9</sub> NO <sub>2</sub>	4-(Methylamino)benzoic acid		25	5.04	C <sub>9</sub> H <sub>7</sub> ClO <sub>2</sub>	<i>trans</i> - <i>p</i> -Chlorocinnamic acid		25	4.41
C <sub>8</sub> H <sub>9</sub> NO <sub>2</sub>	<i>N</i> -Phenylglycine	1	25	1.83	C <sub>9</sub> H <sub>7</sub> N	Quinoline		20	4.90
		2		4.39	C <sub>9</sub> H <sub>7</sub> N	Isoquinoline		20	5.40
C <sub>8</sub> H <sub>10</sub> BrN	4-Bromo- <i>N,N</i> -dimethylaniline		25	4.23	C <sub>9</sub> H <sub>7</sub> NO	2-Quinolinol	1	20	-0.31
C <sub>8</sub> H <sub>10</sub> ClN	3-Chloro- <i>N,N</i> -dimethylaniline		20	3.83			2	20	11.76
C <sub>8</sub> H <sub>10</sub> ClN	4-Chloro- <i>N,N</i> -dimethylaniline		20	4.39	C <sub>9</sub> H <sub>7</sub> NO	3-Quinolinol	1	20	4.28
C <sub>8</sub> H <sub>10</sub> N <sub>2</sub> O <sub>2</sub>	<i>N,N</i> -Dimethyl-3-nitroaniline		25	2.62			2	20	8.08
C <sub>8</sub> H <sub>11</sub> N	<i>N</i> -Ethylaniline		25	5.12	C <sub>9</sub> H <sub>7</sub> NO	4-Quinolinol	1	20	2.23
C <sub>8</sub> H <sub>11</sub> N	<i>N,N</i> -Dimethylaniline		25	5.07			2	20	11.28
C <sub>8</sub> H <sub>11</sub> N	2,6-Dimethylaniline		25	3.89	C <sub>9</sub> H <sub>7</sub> NO	6-Quinolinol	1	20	5.15
C <sub>8</sub> H <sub>11</sub> N	Benzeneethanamine		25	9.83			2	20	8.90
C <sub>8</sub> H <sub>11</sub> N	2,4,6-Trimethylpyridine		25	7.43	C <sub>9</sub> H <sub>7</sub> NO	8-Quinolinol	1	25	4.91
C <sub>8</sub> H <sub>11</sub> NO	2-Ethoxyaniline		28	4.43			2	25	9.81
C <sub>8</sub> H <sub>11</sub> NO	3-Ethoxyaniline		25	4.18	C <sub>9</sub> H <sub>7</sub> NO	7-Isoquinolinol	1	20	5.68
C <sub>8</sub> H <sub>11</sub> NO	4-Ethoxyaniline		28	5.20			2	20	8.90
C <sub>8</sub> H <sub>11</sub> NO	4-(2-Aminoethyl)phenol	1	25	9.74	C <sub>9</sub> H <sub>7</sub> NO <sub>3</sub>	2-Cyanophenoxyacetic acid		25	2.98
		2	25	10.52	C <sub>9</sub> H <sub>7</sub> NO <sub>3</sub>	3-Cyanophenoxyacetic acid		25	3.03
C <sub>8</sub> H <sub>11</sub> NO	2-(2-Methoxyethyl)pyridine			5.5	C <sub>9</sub> H <sub>7</sub> NO <sub>3</sub>	4-Cyanophenoxyacetic acid		25	2.93
C <sub>8</sub> H <sub>11</sub> NO <sub>2</sub>	Dopamine	1	25	8.9	C <sub>9</sub> H <sub>7</sub> N <sub>2</sub> O <sub>2</sub> S	Azathioprine			8.2
		2	25	10.6	C <sub>9</sub> H <sub>8</sub> N <sub>2</sub>	2-Quinolinamine		20	7.34
C <sub>8</sub> H <sub>11</sub> NO <sub>3</sub>	Norepinephrine	1	25	8.64	C <sub>9</sub> H <sub>8</sub> N <sub>2</sub>	3-Quinolinamine		20	4.91
		2	25	9.70	C <sub>9</sub> H <sub>8</sub> N <sub>2</sub>	4-Quinolinamine		20	9.17
C <sub>8</sub> H <sub>11</sub> N <sub>3</sub> O <sub>6</sub>	6-Azauridine			6.70	C <sub>9</sub> H <sub>8</sub> N <sub>2</sub>	1-Isoquinolinamine		20	7.62
C <sub>8</sub> H <sub>11</sub> N <sub>5</sub>	Phenylbiguanide	1		10.76	C <sub>9</sub> H <sub>8</sub> N <sub>2</sub>	3-Isoquinolinamine		20	5.05
		2		2.13	C <sub>9</sub> H <sub>8</sub> O <sub>2</sub>	<i>cis</i> -Cinnamic acid		25	3.88
C <sub>8</sub> H <sub>12</sub> N <sub>2</sub> O <sub>3</sub>	Barbital		25	7.43	C <sub>9</sub> H <sub>8</sub> O <sub>2</sub>	<i>trans</i> -Cinnamic acid		25	4.44
C <sub>8</sub> H <sub>12</sub> O <sub>2</sub>	5,5-Dimethyl-1,3-cyclohexanedione		25	5.15	C <sub>9</sub> H <sub>8</sub> O <sub>2</sub>	α-Methylenebenzeneacetic acid			4.35
C <sub>8</sub> H <sub>13</sub> NO <sub>2</sub>	Arecoline			6.84	C <sub>9</sub> H <sub>8</sub> O <sub>4</sub>	2-(Acetyloxy)benzoic acid		25	3.48
C <sub>8</sub> H <sub>14</sub> O <sub>2</sub> S <sub>2</sub>	Thioctic acid			5.4	C <sub>9</sub> H <sub>9</sub> Br <sub>2</sub> NO <sub>3</sub>	3,5-Dibromo- <i>L</i> -tyrosine	1		2.17
C <sub>8</sub> H <sub>14</sub> O <sub>4</sub>	Octanedioic acid	1	25	4.52			2		6.45
C <sub>8</sub> H <sub>15</sub> NO	Tropine		15	3.80			3		7.60
C <sub>8</sub> H <sub>15</sub> NO	Pseudotropine		15	3.80	C <sub>9</sub> H <sub>9</sub> ClO <sub>2</sub>	3-(2-Chlorophenyl)propanoic acid		25	4.58
C <sub>8</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub>	<i>N</i> -Glycylleucine		25	3.18	C <sub>9</sub> H <sub>9</sub> ClO <sub>2</sub>	3-(3-Chlorophenyl)propanoic acid		25	4.59
C <sub>8</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub>	<i>N</i> -Leucylglycine	1	25	3.25	C <sub>9</sub> H <sub>9</sub> ClO <sub>2</sub>	3-(4-Chlorophenyl)propanoic acid		25	4.61
					C <sub>9</sub> H <sub>9</sub> I <sub>2</sub> NO <sub>3</sub>	<i>L</i> -3,5-Diiodotyrosine	1	25	2.12

Mol. form.	Name	Step	<i>t</i> /°C	p <i>K</i> <sub>a</sub>	Mol. form.	Name	Step	<i>t</i> /°C	p <i>K</i> <sub>a</sub>
		2	25	5.32	C <sub>10</sub> H <sub>8</sub> O	1-Naphthol		25	9.39
		3	25	9.48	C <sub>10</sub> H <sub>8</sub> O	2-Naphthol		25	9.63
C <sub>9</sub> H <sub>9</sub> NO <sub>3</sub>	<i>N</i> -Benzoylglycine		25	3.62	C <sub>10</sub> H <sub>9</sub> N	1-Naphthylamine		25	3.92
C <sub>9</sub> H <sub>9</sub> NO <sub>4</sub>	3-(2-Nitrophenyl)-propanoic acid		25	4.50	C <sub>10</sub> H <sub>9</sub> N	2-Naphthylamine		25	4.16
C <sub>9</sub> H <sub>9</sub> NO <sub>4</sub>	3-(4-Nitrophenyl)-propanoic acid		25	4.47	C <sub>10</sub> H <sub>9</sub> N	2-Methylquinoline		20	5.83
C <sub>9</sub> H <sub>9</sub> N <sub>3</sub> O <sub>2</sub>	Carbendazim			4.48	C <sub>10</sub> H <sub>9</sub> N	4-Methylquinoline		20	5.67
C <sub>9</sub> H <sub>9</sub> N <sub>3</sub> O <sub>2</sub> S <sub>2</sub>	Sulfathiazole			7.2	C <sub>10</sub> H <sub>9</sub> N	5-Methylquinoline		20	5.20
C <sub>9</sub> H <sub>10</sub> INO <sub>3</sub>	<i>L</i> -3-Iodotyrosine	1	25	2.2	C <sub>10</sub> H <sub>9</sub> NO	5-Amino-1-naphthol		25	3.97
		2	25	8.7	C <sub>10</sub> H <sub>9</sub> NO	6-Methoxyquinoline		20	5.03
		3	25	9.1	C <sub>10</sub> H <sub>9</sub> NO <sub>2</sub>	1 <i>H</i> -Indole-3-acetic acid			4.75
C <sub>9</sub> H <sub>10</sub> N <sub>2</sub>	2-Ethylbenzimidazole		25	6.18	C <sub>10</sub> H <sub>10</sub> O <sub>2</sub>	<i>o</i> -Methylcinnamic acid		25	4.50
C <sub>9</sub> H <sub>10</sub> O <sub>2</sub>	3,5-Dimethylbenzoic acid		25	4.32	C <sub>10</sub> H <sub>10</sub> O <sub>2</sub>	<i>m</i> -Methylcinnamic acid		25	4.44
C <sub>9</sub> H <sub>10</sub> O <sub>2</sub>	Benzenepropanoic acid		25	4.66	C <sub>10</sub> H <sub>10</sub> O <sub>2</sub>	<i>p</i> -Methylcinnamic acid		25	4.56
C <sub>9</sub> H <sub>10</sub> O <sub>2</sub>	$\alpha$ -Methylbenzeneacetic acid		25	4.64	C <sub>10</sub> H <sub>12</sub> N <sub>2</sub>	Tryptamine		25	10.2
C <sub>9</sub> H <sub>10</sub> O <sub>3</sub>	$\alpha$ -Hydroxy- $\alpha$ -methylbenzeneacetic acid		25	3.47	C <sub>10</sub> H <sub>12</sub> N <sub>2</sub> O	5-Hydroxytryptamine	1	25	9.8
							2	25	11.1
C <sub>9</sub> H <sub>11</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>4</sub> S <sub>2</sub>	Methylclothiazide			9.4	C <sub>10</sub> H <sub>12</sub> N <sub>2</sub> O <sub>5</sub>	Dinoseb			4.62
C <sub>9</sub> H <sub>11</sub> N	<i>N</i> -Allylaniline		25	4.17	C <sub>10</sub> H <sub>12</sub> N <sub>4</sub> O <sub>3</sub>	Dideoxyinosine			9.12
C <sub>9</sub> H <sub>11</sub> N	1-Indanamine		22	9.21	C <sub>10</sub> H <sub>12</sub> O	5,6,7,8-Tetrahydro-2-naphthalenol		25	10.48
C <sub>9</sub> H <sub>11</sub> NO <sub>2</sub>	4-(Dimethylamino)-benzoic acid	1		6.03	C <sub>10</sub> H <sub>12</sub> O <sub>2</sub>	Benzenebutanoic acid		25	4.76
		2		11.49	C <sub>10</sub> H <sub>12</sub> O <sub>5</sub>	Propyl 3,4,5-trihydroxybenzoate			8.11
C <sub>9</sub> H <sub>11</sub> NO <sub>2</sub>	Ethyl 4-aminobenzoate			2.5	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>4</sub>	Adenosine	1	25	3.6
C <sub>9</sub> H <sub>11</sub> NO <sub>2</sub>	<i>L</i> -Phenylalanine	1	25	2.20			2	25	12.4
		2	25	9.31	C <sub>10</sub> H <sub>14</sub> N <sub>2</sub>	<i>L</i> -Nicotine	1		8.02
C <sub>9</sub> H <sub>11</sub> NO <sub>3</sub>	<i>L</i> -Tyrosine	1	25	2.20			2		3.12
		2	25	9.11	C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> O <sub>7</sub> P	5'-Adenylic acid	1		3.8
		3	25	10.1			2		6.2
C <sub>9</sub> H <sub>11</sub> NO <sub>4</sub>	Levodopa	1	25	2.32	C <sub>10</sub> H <sub>14</sub> O	2- <i>tert</i> -Butylphenol		25	10.62
		2	25	8.72	C <sub>10</sub> H <sub>14</sub> O	3- <i>tert</i> -Butylphenol		25	10.12
		3	25	9.96	C <sub>10</sub> H <sub>14</sub> O	4- <i>tert</i> -Butylphenol		25	10.23
		4	25	11.79	C <sub>10</sub> H <sub>15</sub> N	<i>N</i> - <i>tert</i> -Butylaniline		25	7.00
C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub>	Tyrosineamide		25	7.33	C <sub>10</sub> H <sub>15</sub> N	<i>N,N</i> -Diethylaniline		25	6.57
C <sub>9</sub> H <sub>13</sub> N	<i>N</i> -Isopropylaniline		25	5.77	C <sub>10</sub> H <sub>15</sub> NO	<i>d</i> -Ephedrine		10	10.139
C <sub>9</sub> H <sub>13</sub> NO <sub>3</sub>	Epinephrine	1	25	8.66	C <sub>10</sub> H <sub>15</sub> NO	<i>l</i> -Ephedrine		10	9.958
		2	25	9.95	C <sub>10</sub> H <sub>17</sub> N <sub>3</sub> O <sub>6</sub> S	<i>l</i> -Glutathione	1	25	2.12
C <sub>9</sub> H <sub>13</sub> N <sub>2</sub> O <sub>9</sub> P	5'-Uridylic acid	1		6.4			2	25	3.59
		2		9.5			3	25	8.75
C <sub>9</sub> H <sub>13</sub> N <sub>3</sub> O <sub>5</sub>	Cytidine	1		4.22			4	25	9.65
		2		12.5	C <sub>10</sub> H <sub>18</sub> N <sub>4</sub> O <sub>5</sub>	<i>L</i> -Argininosuccinic acid	1	25	1.62
C <sub>9</sub> H <sub>14</sub> ClNO	Phenylpropanolamine hydrochloride			9.44			2	25	2.70
							3	25	4.26
C <sub>9</sub> H <sub>14</sub> N <sub>2</sub> O <sub>3</sub>	Metharbital			8.45			4	25	9.58
C <sub>9</sub> H <sub>14</sub> N <sub>3</sub> O <sub>8</sub> P	3'-Cytidylic acid	1		0.8	C <sub>10</sub> H <sub>18</sub> O <sub>4</sub>	Sebacic acid	1		4.59
		2		4.28			2		5.59
		3		6.0	C <sub>10</sub> H <sub>19</sub> N	Bornylamine		25	10.17
C <sub>9</sub> H <sub>14</sub> N <sub>4</sub> O <sub>3</sub>	Carnosine	1	20	2.73	C <sub>10</sub> H <sub>19</sub> N	Neobornylamine		25	10.01
		2	20	6.87	C <sub>10</sub> H <sub>21</sub> N	Butylcyclohexylamine		25	11.23
		3	20	9.73	C <sub>10</sub> H <sub>21</sub> N	1,2,2,6,6-Pentamethylpiperidine		30	11.25
C <sub>9</sub> H <sub>15</sub> NO <sub>3</sub> S	Captopril	1		3.7					
		2		9.8	C <sub>10</sub> H <sub>23</sub> N	Decylamine		25	10.64
C <sub>9</sub> H <sub>15</sub> N <sub>5</sub> O	Minoxidil			4.61	C <sub>11</sub> H <sub>8</sub> N <sub>2</sub>	1 <i>H</i> -Perimidine		20	6.35
C <sub>9</sub> H <sub>16</sub> O <sub>4</sub>	Nonanedioic acid	1	25	4.53	C <sub>11</sub> H <sub>8</sub> O <sub>2</sub>	1-Naphthalenecarboxylic acid		25	3.69
		2	25	5.33					
C <sub>9</sub> H <sub>18</sub> O <sub>2</sub>	Nonanoic acid		25	4.96	C <sub>11</sub> H <sub>8</sub> O <sub>2</sub>	2-Naphthalenecarboxylic acid		25	4.16
C <sub>9</sub> H <sub>19</sub> N	<i>N</i> -Butylpiperidine		23	10.47	C <sub>11</sub> H <sub>11</sub> N	Methyl-1-naphthylamine		27	3.67
C <sub>9</sub> H <sub>19</sub> N	2,2,6,6-Tetramethylpiperidine		25	11.07	C <sub>11</sub> H <sub>12</sub> INO <sub>2</sub>	Iopanoic acid			4.8
C <sub>9</sub> H <sub>21</sub> N	Nonylamine		25	10.64	C <sub>11</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub>	<i>L</i> -Tryptophan	1	25	2.46
C <sub>10</sub> H <sub>7</sub> NO <sub>2</sub>	8-Quinolincarboxylic acid		25	1.82			2	25	9.41



Mol. form.	Name	Step	$t/^{\circ}\text{C}$	$\text{p}K_{\text{a}}$	Mol. form.	Name	Step	$t/^{\circ}\text{C}$	$\text{p}K_{\text{a}}$	
$\text{C}_{11}\text{H}_{12}\text{N}_4\text{O}_3\text{S}$	Sulfamethoxypyridazine			6.7	$\text{C}_{13}\text{H}_{10}\text{O}_2$	2-Phenylbenzoic acid		25	3.46	
$\text{C}_{11}\text{H}_{13}\text{F}_3\text{N}_2\text{O}_3\text{S}$	Mefluidide			4.6	$\text{C}_{13}\text{H}_{10}\text{O}_3$	2-Phenoxybenzoic acid		25	3.53	
$\text{C}_{11}\text{H}_{13}\text{NO}_3$	Hydrastinine			11.38	$\text{C}_{13}\text{H}_{10}\text{O}_3$	3-Phenoxybenzoic acid		25	3.95	
$\text{C}_{11}\text{H}_{13}\text{N}_3\text{O}_3\text{S}$	Sulfisoxazole			5	$\text{C}_{13}\text{H}_{10}\text{O}_3$	4-Phenoxybenzoic acid		25	4.57	
$\text{C}_{11}\text{H}_{14}\text{N}_2\text{O}$	Cytisine	1		6.11	$\text{C}_{13}\text{H}_{11}\text{N}_3$	3,6-Acridinediamine		20	9.65	
		2		13.08	$\text{C}_{13}\text{H}_{12}\text{Cl}_2\text{O}_4$	Ethacrynic acid			3.50	
$\text{C}_{11}\text{H}_{14}\text{O}_2$	2- <i>tert</i> -Butylbenzoic acid		25	3.54	$\text{C}_{13}\text{H}_{12}\text{N}_2\text{O}$	Harmine			7.70	
$\text{C}_{11}\text{H}_{14}\text{O}_2$	3- <i>tert</i> -Butylbenzoic acid		25	4.20	$\text{C}_{13}\text{H}_{12}\text{N}_2\text{O}_3\text{S}$	Sulfabenzamide		25	4.57	
$\text{C}_{11}\text{H}_{14}\text{O}_2$	4- <i>tert</i> -Butylbenzoic acid		25	4.38	$\text{C}_{13}\text{H}_{13}\text{N}$	4-Benzylaniline		25	2.17	
$\text{C}_{11}\text{H}_{16}\text{N}_2\text{O}_2$	Pilocarpine	1	25	1.6	$\text{C}_{13}\text{H}_{14}\text{N}_2\text{O}_{13}$	Harmaline			4.2	
		2	25	6.9	$\text{C}_{13}\text{H}_{15}\text{N}_3\text{O}_3$	Imazapyr	1		1.9	
$\text{C}_{11}\text{H}_{16}\text{N}_4\text{O}_4$	Pentostatin			5.2			2		3.6	
$\text{C}_{11}\text{H}_{17}\text{N}$	<i>N,N</i> -Diethyl-2-methyl- aniline		25	7.24	$\text{C}_{13}\text{H}_{16}\text{ClNO}$	Ketamine			7.5	
$\text{C}_{11}\text{H}_{17}\text{NO}_3$	Isoproterenol			8.64	$\text{C}_{13}\text{H}_{19}\text{NO}_4\text{S}$	4-[(Dipropylamino)- sulfonyl]benzoic acid			5.8	
$\text{C}_{11}\text{H}_{17}\text{N}_3\text{O}_8$	Tetrodotoxin			8.76	$\text{C}_{13}\text{H}_{21}\text{N}$	2,6-Di- <i>tert</i> -butylpyridine			3.58	
$\text{C}_{11}\text{H}_{18}\text{ClNO}_3$	Methoxamine hydrochloride		25	9.2	$\text{C}_{13}\text{H}_{29}\text{N}$	(Tridecyl)amine		25	10.63	
$\text{C}_{11}\text{H}_{18}\text{N}_2\text{O}_3$	Amobarbital		25	8.0	$\text{C}_{14}\text{H}_{12}\text{F}_3\text{NO}_4\text{S}_2$	Perfluidone			2.5	
$\text{C}_{11}\text{H}_{25}\text{N}$	Undecylamine		25	10.63	$\text{C}_{14}\text{H}_{12}\text{O}_2$	$\alpha$ -Phenylbenzeneacetic acid		25	3.94	
$\text{C}_{11}\text{H}_{26}\text{NO}_2\text{PS}$	Methylphosphonothioic acid S[2-[bis(1-isopropylamino)- ethyl], <i>O</i> -ethylester			7.9	$\text{C}_{14}\text{H}_{12}\text{O}_3$	$\alpha$ -Hydroxy- $\alpha$ -phenyl- benzeneacetic acid		25	3.04	
$\text{C}_{12}\text{H}_6\text{Cl}_4\text{O}_2\text{S}$	Bithionol	1		4.82	$\text{C}_{14}\text{H}_{18}\text{N}_4\text{O}_3$	Trimethoprim			6.6	
		2		10.50	$\text{C}_{14}\text{H}_{19}\text{NO}_2$	Methylphenidate			8.9	
$\text{C}_{12}\text{H}_8\text{N}_2$	1,10-Phenanthroline		25	4.84	$\text{C}_{14}\text{H}_{21}\text{N}_3\text{O}_3\text{S}$	Tolazamide		25	3.6	
$\text{C}_{12}\text{H}_8\text{N}_2$	Phenazine		20	1.20	$\text{C}_{14}\text{H}_{22}\text{N}_2\text{O}_3$	Atenolol			9.6	
$\text{C}_{12}\text{H}_{10}\text{O}$	2-Hydroxybiphenyl		25	10.01	$\text{C}_{14}\text{H}_{31}\text{N}$	Tetradecylamine		25	10.62	
$\text{C}_{12}\text{H}_{10}\text{O}$	3-Hydroxybiphenyl		25	9.64	$\text{C}_{15}\text{H}_{10}\text{ClN}_3\text{O}_3$	Clonazepam			1.5	
$\text{C}_{12}\text{H}_{10}\text{O}$	4-Hydroxybiphenyl		25	9.55			1	25	2.2	
$\text{C}_{12}\text{H}_{11}\text{N}$	Diphenylamine		25	0.79	$\text{C}_{15}\text{H}_{11}\text{I}_4\text{NO}_4$	<i>L</i> -Thyroxine		2	25	6.45
$\text{C}_{12}\text{H}_{11}\text{N}$	2-Aminobiphenyl		25	3.83			3	25	10.1	
$\text{C}_{12}\text{H}_{11}\text{N}$	3-Aminobiphenyl		18	4.25	$\text{C}_{15}\text{H}_{14}\text{O}_3$	Fenopropfen			4.5	
$\text{C}_{12}\text{H}_{11}\text{N}$	4-Aminobiphenyl		18	4.35	$\text{C}_{15}\text{H}_{15}\text{NO}_2$	Mefenamic acid			4.2	
$\text{C}_{12}\text{H}_{11}\text{N}$	2-Benzylpyridine		25	5.13	$\text{C}_{15}\text{H}_{15}\text{N}_3\text{O}_2$	Methyl Red		1	2.5	
$\text{C}_{12}\text{H}_{11}\text{N}_3$	4-Aminoazobenzene		25	2.82			2		9.5	
$\text{C}_{12}\text{H}_{12}\text{N}_2$	<i>p</i> -Benzidine	1	20	4.65	$\text{C}_{15}\text{H}_{17}\text{ClN}_4$	NeutralRed			6.7	
		2	20	3.43	$\text{C}_{15}\text{H}_{19}\text{NO}_2$	Tropacocaine		15	4.32	
$\text{C}_{12}\text{H}_{12}\text{N}_2\text{O}_3$	Phenobarbital	1		7.3	$\text{C}_{15}\text{H}_{19}\text{N}_3\text{O}_3$	Imazethapyr		1	2.1	
		2		11.8			2		3.9	
$\text{C}_{12}\text{H}_{13}\text{I}_3\text{N}_2\text{O}_3$	Iocetamic acid			4	$\text{C}_{15}\text{H}_{21}\text{N}_3\text{O}_2$	Physostigmine		1	6.12	
$\text{C}_{12}\text{H}_{13}\text{N}$	<i>N,N</i> -Dimethyl-1- naphthylamine		25	4.83			2		12.24	
$\text{C}_{12}\text{H}_{13}\text{N}$	<i>N,N</i> -Dimethyl-2- naphthylamine		25	4.566	$\text{C}_{15}\text{H}_{26}\text{N}_2$	Sparteine		1	20	2.24
$\text{C}_{12}\text{H}_{14}\text{N}_4\text{O}_2\text{S}$	Sulfamethazine	1		7.4			2	20	9.46	
		2		2.65	$\text{C}_{15}\text{H}_{33}\text{N}$	Pentadecylamine		25	10.61	
$\text{C}_{12}\text{H}_{14}\text{N}_4\text{O}_3\text{S}$	Sulfacytine			6.9	$\text{C}_{16}\text{H}_{13}\text{ClN}_2\text{O}$	Valium			3.4	
$\text{C}_{12}\text{H}_{17}\text{N}_3\text{O}_4$	Agaritine	1		3.4	$\text{C}_{16}\text{H}_{14}\text{ClN}_3\text{O}$	Chlorodiazepoxide			4.8	
		2		8.86	$\text{C}_{16}\text{H}_{16}\text{N}_2\text{O}_2$	Lysergic acid		1	3.44	
$\text{C}_{12}\text{H}_{20}\text{N}_2\text{O}_2$	Aspergillilic acid			5.5			2		7.68	
$\text{C}_{12}\text{H}_{21}\text{N}_5\text{O}_2\text{S}_2$	Nizatidine	1		2.1	$\text{C}_{16}\text{H}_{17}\text{N}_3\text{O}_4\text{S}$	Cephalexin		1	5.2	
		2		6.8			2		7.3	
$\text{C}_{12}\text{H}_{22}\text{O}_{11}$	Sucrose		25	12.7	$\text{C}_{16}\text{H}_{19}\text{N}_3\text{O}_4\text{S}$	Cephadrine		1	2.63	
$\text{C}_{12}\text{H}_{22}\text{O}_{11}$	$\alpha$ -Maltose		21	12.05			2		7.27	
$\text{C}_{12}\text{H}_{23}\text{N}$	Dicyclohexylamine			10.4	$\text{C}_{16}\text{H}_{22}\text{N}_2$	Lycodine		1	3.97	
$\text{C}_{12}\text{H}_{27}\text{N}$	Dodecylamine		25	10.63			2		8.08	
$\text{C}_{13}\text{H}_9\text{N}$	Acridine		20	5.58	$\text{C}_{16}\text{H}_{35}\text{N}$	Hexadecylamine		25	10.61	
$\text{C}_{13}\text{H}_9\text{N}$	Phenanthridine		20	5.58	$\text{C}_{17}\text{H}_{17}\text{NO}_2$	Apomorphine		1	7.0	
$\text{C}_{13}\text{H}_{10}\text{N}_2$	9-Acridinamine		20	9.99			2		8.92	
$\text{C}_{13}\text{H}_{10}\text{N}_2$	2-Phenylbenzimidazole	1	25	5.23	$\text{C}_{17}\text{H}_{19}\text{NO}_3$	Piperine		18	12.22	
		2	25	11.91	$\text{C}_{17}\text{H}_{19}\text{NO}_3$	Morphine		1	25	8.21
							2	20	9.85	
					$\text{C}_{17}\text{H}_{20}\text{N}_4\text{O}_6$	Riboflavin		1	1.7	

Mol. form.	Name	Step	t/°C	pK <sub>a</sub>	Mol. form.	Name	Step	t/°C	pK <sub>a</sub>
		2	25	9.69	C <sub>21</sub> H <sub>23</sub> ClFNO <sub>2</sub>	Haloperidol			8.3
C <sub>17</sub> H <sub>20</sub> O <sub>6</sub>	Mycophenolic acid			4.5	C <sub>21</sub> H <sub>31</sub> NO <sub>4</sub>	Furethidine			7.48
C <sub>17</sub> H <sub>23</sub> NO <sub>3</sub>	Hyoscyamine		21	9.7	C <sub>21</sub> H <sub>35</sub> N <sub>3</sub> O <sub>7</sub>	Lisinopril	1		2.5
C <sub>17</sub> H <sub>27</sub> NO <sub>4</sub>	Nadolol			9.67			2		4.0
C <sub>18</sub> H <sub>19</sub> ClN <sub>4</sub>	Clozapine	1		3.70			3		6.7
		2		7.60			4		10.1
C <sub>18</sub> H <sub>21</sub> NO <sub>3</sub>	Codeine			8.21	C <sub>22</sub> H <sub>18</sub> O <sub>4</sub>	o-Cresolphthalein			9.4
C <sub>18</sub> H <sub>21</sub> N <sub>3</sub> O	Dibenzepin			8.25	C <sub>22</sub> H <sub>22</sub> FN <sub>3</sub> O <sub>2</sub>	Droperidol			7.64
C <sub>18</sub> H <sub>32</sub> O <sub>2</sub>	Linoleic acid		25	4.77	C <sub>22</sub> H <sub>23</sub> NO <sub>7</sub>	Noscapine			7.8
C <sub>18</sub> H <sub>33</sub> ClN <sub>2</sub> O <sub>5</sub> S	Clindamycin			7.6	C <sub>22</sub> H <sub>25</sub> NO <sub>6</sub>	Colchicine		20	12.36
C <sub>18</sub> H <sub>39</sub> N	Octadecylamine		25	10.60	C <sub>22</sub> H <sub>25</sub> N <sub>3</sub> O	Benzpiperylon	1		6.73
C <sub>19</sub> H <sub>10</sub> Br <sub>4</sub> O <sub>5</sub> S	Bromophenol Blue			4.0			2		9.13
C <sub>19</sub> H <sub>14</sub> O <sub>5</sub> S	Phenol Red			7.9	C <sub>22</sub> H <sub>33</sub> NO <sub>2</sub>	Atisine			12.2
C <sub>19</sub> H <sub>16</sub> ClNO <sub>4</sub>	Indomethacin			4.5	C <sub>23</sub> H <sub>26</sub> N <sub>2</sub> O <sub>4</sub>	Brucine	1		6.04
C <sub>19</sub> H <sub>17</sub> N <sub>3</sub> O <sub>4</sub> S <sub>2</sub>	Cephaloridine			3.2			2		11.07
C <sub>19</sub> H <sub>20</sub> N <sub>2</sub> O <sub>2</sub>	Phenylbutazone			4.5	C <sub>24</sub> H <sub>40</sub> O <sub>4</sub>	Deoxycholic acid		20	5.15
C <sub>19</sub> H <sub>21</sub> N	Protriptyline			8.2	C <sub>24</sub> H <sub>40</sub> O <sub>5</sub>	Cholic acid		20	4.98
C <sub>19</sub> H <sub>21</sub> NO <sub>3</sub>	Thebaine		15	6.05	C <sub>25</sub> H <sub>29</sub> I <sub>2</sub> NO <sub>3</sub>	Amiodarone		25	6.56
C <sub>19</sub> H <sub>22</sub> N <sub>2</sub> O	Cinchonine	1		5.85	C <sub>25</sub> H <sub>41</sub> NO <sub>9</sub>	Aconine			9.52
		2		9.92	C <sub>26</sub> H <sub>43</sub> NO <sub>6</sub>	Glycocholic acid			4.4
C <sub>19</sub> H <sub>22</sub> N <sub>2</sub> O	Cinchonidine	1		5.80	C <sub>26</sub> H <sub>45</sub> NO <sub>7</sub> S	Taurocholic acid			1.4
		2		10.03	C <sub>27</sub> H <sub>28</sub> Br <sub>2</sub> O <sub>5</sub> S	Bromothymol Blue			7.0
C <sub>19</sub> H <sub>22</sub> N <sub>2</sub> O <sub>2</sub>	Cupreine			6.57	C <sub>27</sub> H <sub>38</sub> N <sub>2</sub> O <sub>4</sub>	Verapamil			8.6
C <sub>19</sub> H <sub>22</sub> O <sub>6</sub>	Gibberellic acid			4.0	C <sub>29</sub> H <sub>32</sub> O <sub>13</sub>	Etoposide			9.8
C <sub>19</sub> H <sub>23</sub> N <sub>3</sub> O <sub>2</sub>	Ergometrine			7.3	C <sub>29</sub> H <sub>40</sub> N <sub>2</sub> O <sub>4</sub>	Emetine	1		5.77
C <sub>19</sub> H <sub>23</sub> N <sub>3</sub> O <sub>2</sub>	Ergonovine			6.8			2		6.64
C <sub>20</sub> H <sub>14</sub> O <sub>4</sub>	Phenolphthalein		25	9.7	C <sub>30</sub> H <sub>23</sub> BrO <sub>4</sub>	Bromadiolone		21	4.04
C <sub>20</sub> H <sub>21</sub> NO <sub>4</sub>	Papaverine			6.4	C <sub>30</sub> H <sub>48</sub> O <sub>3</sub>	Oleanolic acid			2.52
C <sub>20</sub> H <sub>23</sub> N	Amitriptyline			9.4	C <sub>31</sub> H <sub>36</sub> N <sub>2</sub> O <sub>11</sub>	Novobiocin	1		4.3
C <sub>20</sub> H <sub>23</sub> N <sub>7</sub> O <sub>7</sub>	Folinic acid	1		3.1			2		9.1
		2		4.8	C <sub>32</sub> H <sub>32</sub> O <sub>13</sub> S	Teniposide			10.13
		3		10.4	C <sub>33</sub> H <sub>40</sub> N <sub>2</sub> O <sub>9</sub>	Reserpine			6.6
C <sub>20</sub> H <sub>24</sub> N <sub>2</sub> O <sub>2</sub>	Quinine	1	25	8.52	C <sub>34</sub> H <sub>47</sub> NO <sub>11</sub>	Aconitine			5.88
		2	25	4.13	C <sub>36</sub> H <sub>51</sub> NO <sub>11</sub>	Veratridine			9.54
C <sub>20</sub> H <sub>24</sub> N <sub>2</sub> O <sub>2</sub>	Quinidine	1	20	5.4	C <sub>37</sub> H <sub>67</sub> NO <sub>13</sub>	Erythromycin			8.8
		2	20	10.0	C <sub>43</sub> H <sub>58</sub> N <sub>4</sub> O <sub>12</sub>	Rifampin	1		1.7
C <sub>20</sub> H <sub>26</sub> N <sub>2</sub> O <sub>2</sub>	Hydroquinine			5.33			2		7.9
C <sub>21</sub> H <sub>14</sub> Br <sub>4</sub> O <sub>5</sub> S	Bromocresol Green			4.7	C <sub>45</sub> H <sub>73</sub> NO <sub>15</sub>	Solanine		15	6.66
C <sub>21</sub> H <sub>16</sub> Br <sub>2</sub> O <sub>5</sub> S	Bromocresol Purple			6.3	C <sub>46</sub> H <sub>56</sub> N <sub>4</sub> O <sub>10</sub>	Vincristine			5.4
C <sub>21</sub> H <sub>18</sub> O <sub>5</sub> S	CresolRed			8.3	C <sub>46</sub> H <sub>58</sub> N <sub>4</sub> O <sub>9</sub>	Vinblastine	1		5.4
C <sub>21</sub> H <sub>21</sub> NO <sub>6</sub>	Hydrastine			7.8			2		7.4
C <sub>21</sub> H <sub>22</sub> N <sub>2</sub> O <sub>2</sub>	Strychnine		25	8.26					