

APPENDIX H
pKa's OF DRUGS AND REFERENCE COMPOUNDS

Name	pKa	Reference	Name	pKa	Reference
A			Amobarbital	8.0	22
Acenocoumarol	4.7	1	Amoxicillin	2.4 (carboxyl)	23
Acetaminophen	9.9 (phenol)	2		7.4 (amine)	
Acetanilid	0.5	3		9.6 (phenol)	
Acetarsone	3.7 (acid)	4	Amphetamine	9.8	24
	7.9 (phenol)		Amphotericin B	5.7 (carboxyl)	25
	9.3 (acid)			10.0 (amine)	
Acetazolamide	8.8 (acetamido)	5	Ampicillin	2.7	26
	7.2	40		7.3 (amine)	
Acetic Acid	4.8	6	<i>Anileridine</i>	3.7	16
α -Acetylmethodol	8.3	7		7.5	
Acetylpromazine	9.3	8	Aniline	4.6	6
N ⁴ -Acetylsulfadiazine	6.1	9	Anisindione	4.1	27
N ⁴ -Acetylsulfamethiazole	5.2	9	Antazoline	10.0	28
N ⁴ -Acetylsulfamethoxy-pyridazine	6.9	9		7.2	16
N ⁴ -Acetylsulfapyridine	8.2	9	Antifebrin	1.4	29
N ⁴ -Acetylsulfisoxazole	4.4	9	Antipyrine	2.2	29
<i>Adriamycin</i>	8.2	41		1.4	29
<i>Albuterol</i>	9.3	30	Apomorphine	7.0	30
	10.3			8.9	32
Allobarbital	7.5	10	Aprobarbital	7.8	10
Allopurinol	9.4	11	Arecoline	7.6	31
Allylamine	10.7	12	Arsthinol	9.5 (phenol)	4
Allylbarbituric Acid	7.6	13	Ascorbic Acid	4.2	18
Alphaprodine	8.7	14		11.6	
Alprenolol	9.6	15	Aspirin	3.5	7
Amiloride	8.7	15	Atropine	9.7	30
Amantadine	10.8	16	B		
<i>p</i> -Aminobenzoic Acid	2.4 (amine)	17	Barbital	7.8	32
	4.9		Barbituric Acid	4.0	32
Aminocaproic Acid	4.4	18	Bemegride	11.2	33
	10.8		Bendroflumethiazide	8.5	34
<i>Aminohippuric acid</i>	3.6	15	Benzilic Acid	3.0	12
6-Aminopenicillanic Acid	2.3 (carboxyl)	19	Benzocaine	2.8	30
	4.9 (amine)		Benzoic Acid	4.2	7
<i>Aminophylline</i>	5.0	42	Benzphetamine	6.6	35
Aminopterin	5.5 (heterocyclic ring)	20	Benzquinamide	5.9	36
Aminopyrine	5.0	6	Benzylamine	9.3	12
Aminosalicyclic Acid	1.7 (amine)	17	<i>Betahistine</i>	3.5	29
	3.9			9.7	
Amitriptyline	9.4	21	<i>Bethanidine</i>	10.6	52
Ammonia	9.3	12			

Name	pKa	Reference	Name	pKa	Reference
Biscoumacetic Acid	3.1	1	Chlorambucil	5.8	48
	7.8 (enol)	174	Chlorcyclizine	7.8	37
<i>Bromazepam</i>	11.0	53		8.2	59
	2.9		Chlordiazepoxide	4.8	49
Bromodiphenhydramine	8.6	37	Chlorindione	3.6	27
<i>p</i> -Bromophenol	9.2	38	<i>Chlormethiazole</i>	3.2	30
Bromothien	8.6	28	Chloroquine	8.1	50
8-Bromotheophylline	5.5	13		9.9	
Brucine	8.0	6	<i>Chlorothien</i>	8.4	54
Bupivacaine	8.1	39	8-Chlorotheophylline	5.3	51
<i>Burimamide</i>	7.5	29		8.2	60
Butabarbital	7.9	15	Chlorothiazide	6.7	52
Butethal	8.1	40		9.5	
Butylparaben	8.4	41	Chlorpheniramine	9.2	37
Butyric Acid	4.8	12	Chlorphentermine	9.6	35
			Chlorpromazine	9.2	53
C			Chlorpromazine Sulfoxide	9.0	44
Caffeine	14.0	42	Chlorpropamide	5.0	54
	0.6 (amine)		Chlorprothixene	8.4	55
Camphoric Acid	4.7	12	Chlortetracycline	3.3	56
<i>Capreomycin</i>	6.2	32		7.4	
	8.2			9.3	
	10.1		<i>Chlorthalidone</i>	9.4	42
	13.3		<i>Chlorzoxazone</i>	8.3	15
<i>Carbachol</i>	4.8	16	<i>Cimetidine</i>	6.8	115
<i>Carbenicillin</i>	2.6	29	Cinchonidine	4.2 (1st)	3
	2.7			8.4 (2nd)	
<i>Carbenoxolone</i>	6.7	30	Cinchonine	4.0 (1st)	30
	7.1			8.2 (2nd)	
Carbinoxamine	8.1	43	Cinnamic Acid	4.5	12
Carbonic Acid	6.4 (1st)	6	Citric Acid	3.1 (1st)	57
	10.4 (2nd)			4.8 (2nd)	
Cefazolin	2.3	44		6.4 (3rd)	
Cephalexin	3.6	45	Clindamycin	7.5	58
	5.25	36	Clofibrate	3.0 (acid)	15
	7.1		Clonazepam	10.5 (1-position)	59
Cephaloglycin	2.5	45		1.5 (4-position)	
<i>L-Cephaloglycin</i>	4.6	56	Clonidine	8.0	60
	7.1		Cloxacillin	2.7	19
Cephaloridine	3.4	46	Cobefrin	8.5	24
Cephalothin	2.4	45	Cocaine	8.4	3
<i>Cephapirin</i>	2.2	15	Codeine	7.9	42
Cephradine	2.6 (carboxyl)	47	Colchicine	1.7	18
	7.3 (amine)		<i>o</i> -Cresol	10.3	17
<i>Chloral Hydrate</i>	10.0	34	<i>m</i> -Cresol	10.1	17

Name	pKa	Reference	Name	pKa	Reference
<i>p</i> -Cresol	10.3	61	<i>p</i> -Diethylaminosalicylic Acid	3.8	73
<i>Cromolyn</i>	2.0	30	Dihydrocodeine	8.8	3
Cyanic Acid	3.8	12	<i>Dihydroergocornine</i>	6.9	69
Cyanopromazine	9.3	62	<i>Dihydroergocriptine</i>	6.9	69
Cyclizine	8.2	63	<i>Dihydroergocristine</i>	6.9	69
			<i>Dihydroergotamine</i>	6.9	69
<i>Cyclobarbital</i>	7.5	8	<i>Dihydroergotamine mesylate</i>	8.0	16
Cyclopentamine	3.5	64	<i>Dihydrostreptomycin</i>	7.8	15
	11.5	50	3,5-Diiodo-L-Tyrosine	2.5 (amine)	32
Cyclopentolate	7.9	65		6.5	
<i>Cycloserine</i>	4.5	16		7.5 (phenol)	
	7.4		<i>Dimenhydrinate</i>		35, 60
<i>Cyclothiazide</i>	9.1	33	Dimethylamine	10.7	12
	10.5		<i>p</i> -Dimethylaminobenzoic Acid	5.1	73
<i>Cytarabine</i>	4.3	30	<i>p</i> -Dimethylaminosalicylic Acid	3.8	73
			Dimethylbarbituric Acid	7.1	12
D			Dimethylhydantoin	8.1	3
<i>Dacarbazine</i>	4.4	42	2,4-Dinitrophenol	4.1	74
Dantrolene	7.5	66	<i>Dinoprost</i>	4.9	116
<i>Dapsone</i>	1.3	50	Diperodon	8.4	75
	2.5		Diphenhydramine	9.0	37
<i>Daunomycin</i>	8.2	41	Diphenoxylate	7.1	76
Debrisoquin	11.9	67		4.4	60
Dehydrocholic Acid	5.0	68	<i>Dipyridamole</i>	6.4	16
Demeclocycline	3.3	56	<i>Disopyramide</i>	8.4	117
	7.2		<i>Doxepin</i>	8.0	42
	9.3		Doxorubicin	8.2	77
<i>Deserpidine</i>	6.7	32		10.2	
Desipramine	10.2	21	Doxycycline	3.4	78
Dextromethorphan	8.3	43		7.7	
<i>Dextromoramide</i>	7.0	29		9.3	
<i>Dextrose</i>	12.1	23	Doxylamine	9.2	37
Diatrizoic Acid	3.4	69	Droperidol	7.6	79
Diazepam	3.3	49			
<i>Diazoxide</i>	8.5	42	E		
Dibucaine	8.5	70	<i>Emetine</i>	8.2	32
<i>Dichlorphenamide</i>	7.4	42		7.4	
	8.6		Ephedrine	9.6	7
Dichloroacetic Acid	1.3	42	Epinephrine	8.7 (phenol)	80
Dicloxacillin	2.8	26		9.9 (amine)	
Dicumarol	4.4 (1st)	71	Equilenin	9.8	61
	8.0 (2nd)		<i>Ergometrine</i>	7.3	29
Diethanolamine	8.9	72	<i>Ergonovine</i>	6.8	11
Diethylamine	11.0	12	Ergotamine	6.3	81
<i>p</i> -Diethylaminobenzoic Acid	6.2	73		7.3	29

Name	pKa	Reference
Erythromycin	8.8	82
Erythromycin Estolate	6.9	83
17 α -Estradiol	10.7	61
Estriol	10.4	61
Ethacrynic Acid	3.5	18
Ethambutol	6.6	84
	9.5	
Ethanolamine	9.5	72
<i>Ethoheptazine citrate</i>	8.5	73
Ethopropazine	9.6	28
Ethosuximide	9.3	15
<i>p</i> -Ethoxybenzoic Acid	4.5	73
<i>p</i> -Ethoxysalicylic Acid	3.2	73
<i>Ethoxazolamide</i>	8.1	42
Ethylamine	10.7	12
Ethylbarbituric Acid	4.4	12
Ethyl Biscouacetate	3.1	1
Ethylenediamine	6.8 (1st)	72
	9.9 (2nd)	
<i>Ethylmorphine</i>	7.9	16
Ethylparaben	8.4	41
Ethylphenylhydantoin	8.5	85
Etidocaine	7.7	39
β -Eucaine	9.4	3
F		
Fenfluramine	9.1	35
Fenoprofen	4.5	86
<i>Flucloxacillin</i>	2.7	30
Flucytosine	10.7 (amide)	87
	2.9 (amine)	
Flufenamic Acid	3.9	74
<i>Flumizole</i>	10.7	75
Flunitrazepam	1.8	59
<i>p</i> -Fluorobenzoic Acid	4.2	38
Fluorouracil	8.0	88
	13.0	
<i>Fluopromazine</i>	9.2	61
<i>Fluorouracil</i>	8.0	34
	13.0	
Fluphenazine	8.1 (1st)	53
	9.9 (2nd)	
	3.9	34
Fluphenazine Enanthate	3.5	89
	8.2	

Name	pKa	Reference
Flurazepam	8.2	90
	1.9	
Formic Acid	3.7	12
Fumaric Acid	3.0 (1st)	42
	4.4 (2nd)	
Furaltadone	5.0	91
Furosemide	4.7	92
	3.9	76
<i>Fusidic Acid</i>	5.4	32
G		
Gallic Acid	4.2	38
<i>Gentamicin</i>	8.2	77
Glibenclamide	6.5	54
Gluconic Acid	3.6	18
Glucuronic Acid	3.2	93
Glutamic Acid	4.3	12
Glutarimide	11.4	16
Glutethimide	11.8	94
	4.5	37
<i>Glyburide</i>	5.3	30
Glycerophosphoric Acid	1.5 (1st)	42
	6.2 (2nd)	
Glycine	2.4	42
	9.8 (amine)	
Glycollic Acid	3.8	12
Guanethidine	11.9	67
Guanidine	13.6	3
<i>Guanoxan</i>	12.3	52
H		
Haloperidol	8.3	95
Heroin	7.8	14
Hexachlorophene	5.7	74
Hexetidine	8.3	96
Hexobarbital	8.3	85
Hexylecaine	9.1	70
Hippuric Acid	3.6	97
Histamine	9.9 (side chain)	98
	6.0 (imidazole)	
Homatropine	9.7	3
Hydantoin	9.1	17
Hydralazine	0.5 (ring N)	99
	6.9 (hydrazine)	

Name	pKa	Reference
Hydrochlorothiazide	7.0	18
	9.2	
<i>Hydrocodone</i>	8.9	16
Hydrocortisone Hemisuccinate Acid	5.1	100
Hydroflumethiazide	8.9	101
	10.5	
Hydrogen Peroxide	11.3	12
Hydromorphone	7.8	3
<i>Hydromorphone</i>	8.2	73
Hydroxyamphetamine	9.6	24
<i>p</i> -Hydroxybenzoic Acid	4.1	38
<i>o</i> -Hydroxycinnamic Acid	4.7	38
<i>m</i> -Hydroxycinnamic Acid	4.5	38
<i>p</i> -Hydroxycinnamic Acid	4.4	38
Hydroxylamine	6.0	6
<i>p</i> -Hydroxysalicylic Acid	3.2	73
Hydroxyzine	1.8	102
	2.1	81, 82
	7.1	
<i>Hyoscyamine</i>	9.3	16
I		
Ibuprofen	5.2	103
Idoxuridine	8.3	104
Imidazole	7.0	72
Imipramine	9.5	21
Indomethacin	4.5	18
Indoprofen	5.8	105
<i>Indoramin</i>	7.7	29
Iodipamide	3.5	106
Iophenoxic Acid	7.5	1
<i>Iprindole</i>	8.2	29
Isocarboxazid	10.4	107
Isomethadone	8.1	14
Isoniazid	10.8 (pyridine)	108
	11.2 (hydrazide)	
	2.0	84
	3.9	
Isophthalic Acid	3.6	12
Isoproterenol	8.7 (amine)	109
	9.9 (phenol)	
<i>Isoxsuprine</i>	9.8	30
	8.0	

Name	pKa	Reference
K		
Kanamycin	7.2	15
Ketamine	7.5	110
L		
Lactic Acid	3.9	18
Leucovorin	3.1	18
	4.8	
	10.4 (phenol)	
Levallorphan Tartrate	6.9	111
	4.5	34
Levarterenol	8.7 (phenol)	112
	9.7 (amine)	
<i>Levarterenol Bitartrate</i>	8.72(OH)	33
	>12(OH)	
Levodopa	2.3 (carboxyl)	113
	8.7 (amine)	
	9.7 (1st phenol)	113
	13.4 (2nd phenol)	
<i>Levodopa</i>	2.31(COOH)	37
	9.74(OH)	
	13.40(OH)	
Levomepromazine	9.2	64
Levorphanol	8.9	14
<i>Levothyroxine</i>	2.2(COOH)	37
	6.7(OH)	
	10.1	
Levulinic Acid	4.6	12
Lidocaine	7.9	114
Lincomycin	7.5	115
Liothyronine	8.4 (phenol)	116
Lorazepam	11.5	117
	1.3	
<i>Loxapine</i>	6.6	42
M		
Malamic Acid	3.6	12
Maleic Acid	1.9	12
Malic Acid	3.5 (1st)	57
	5.1 (2nd)	
Malonic Acid	2.8	12
Mandelic Acid	3.8	97
	3.4	32
Mecamylamine	11.2	7

Name	pKa	Reference
Meclizine	3.1	118
	6.2	
Medazepam	6.2	119
	4.4	7
Mefenamic Acid	4.3	74
Mepazine	9.3	53
Meperidine	8.7	14
Mephentermine	10.3	35
Mephénytoin	8.1	120
Mephobarbital	7.7	85
Mepivacaine	7.6	39
<i>Mercaptopurin</i>	3.7	42
	5.1	
Mercaptopurine	7.8	121
Metaproterenol	8.8	15
	11.8	30
<i>Metaraminol</i>	8.6	29
Methacycline	3.5	15
	7.6	
	9.2	
Methadone	8.3	14
Methamphetamine	9.5	43
Methapyrilene	3.7	3
	8.9 (side chain)	
Methaqualone	2.5	122
Metharbital	8.2	85
Methazolamide	7.3	18
<i>Methdilazine</i>	7.5	15
Methenamine	4.9	29
Methicillin	2.8	19
<i>L-Methionine</i>	2.3	32
	9.2	
Methohexital	8.3	123
Methopromazine	9.4	62
Methotrexate	4.8	124
	5.5	
	3.8	37
<i>Methotrimeprazine</i>	9.2	50
Methoxamine	9.2	64
Methoxyacetic Acid	3.5	12
<i>o</i> -Methoxybenzoic Acid	4.2	38
<i>m</i> -Methoxybenzoic Acid	4.2	38
<i>o</i> -Methoxycinnamic Acid	4.7	38
<i>m</i> -Methoxycinnamic Acid	4.5	38
<i>p</i> -Methoxycinnamic Acid	4.9	38

Name	pKa	Reference
Methyclothiazide	9.4	125
Methylamine	10.6	12
1-Methylbarbituric Acid	4.4	17
Methyldopa	2.2	126
	10.6 (amine)	
	9.2 (1st phenol)	
	12.0 (2nd phenol)	
N-Methylephedrine	9.3	127
Methylergonovine	6.7	81
N-Methylglucamine	9.2	126
Methylhexylamine	10.5	64
Methylparaben	8.4	41
Methylphenidate	8.8	128
Methylprednisolone-21-phosphate	2.6	129
	6.0	
Methylpromazine	9.4	62
Methyprylon	12.0	130
Methysergide	6.6	81
<i>Metolazone</i>	9.7	42
Metopon	8.1	14
Metoprolol	9.7	15
Metronidazole	2.6	131
Miconazole	6.9	132
Minocycline	2.8	15
	5.0	
	7.8	
	9.5	
Molindone	6.9	133
Monochloroacetic Acid	2.9	42
Morphine	8.0	32
	9.6 (phenol)	
N		
Nafcillin	2.7	26
Nalidixic Acid	6.0 (amine)	134
	1.0	
Nalorphine	7.8	14
<i>Naloxone</i>	7.9	42
Naphazoline	3.9	64
	10.1	50
1-Naphthol	9.2	38
2-Naphthol	9.4	38
Naproxen	4.2	135
Narcotine	5.9	3
<i>Neostigmine</i>	12.0	94

Name	pKa	Reference
<i>Nicotinamide</i>	0.5	11
	3.4	
Nicotine	3.1	136
	8.0	
Nicotine Methiodide	3.2	136
Nicotinic Acid	4.8	18
Nitrazepam	10.8	117
	3.2	
<i>o</i> -Nitrobenzoic Acid	3.2	38
<i>m</i> -Nitrobenzoic Acid	3.6	38
<i>p</i> -Nitrobenzoic Acid	3.7	38
Nitrofurantoin	7.2	91
Nitrofurazone	10.0	137
Nitromethane	11.0	12
<i>o</i> -Nitrophenol	7.2	38
<i>m</i> -Nitrophenol	8.3	38
<i>p</i> -Nitrophenol	7.1	38
8-Nitrotheophylline	2.1	51
<i>Nordefrin</i>	8.5	72
Norhexobarbital	7.9	123
Norketamine	6.7	110
Norparamethadione	6.1	85
Nortrimethadione	6.2	85
Nortriptyline	9.7	42
Noscapine	6.2	18
Novobiocin	4.3	18
	9.1	
O		
Ornidazole	2.6	131
Orphenadrine	8.4	15
<i>Oxacillin</i>	2.8	85
Oxamic Acid	2.1	12
Oxazepam	1.8	138
	11.1	
<i>Oxycodone</i>	8.9	16
<i>Oxymorphone</i>	9.3	16
	8.5	
Oxyphenbutazone	4.5	93
	10.0 (phenol)	
<i>Oxypurinol</i>	7.7	42
Oxytetracycline	3.3	56
	7.3	
	9.1	

Name	pKa	Reference
P		
Pamaquine	8.7	3
Papaverine	5.9	42
<i>Pargyline</i>	6.9	15
Penicillamine	1.8 (carboxyl)	18
	7.9 (amino)	
	10.5 (thiol)	
Penicillin G	2.8	42
Penicillin V	2.7	19
Penicilloic Acid	5.2	139
Pentachlorophenol	4.8	74
<i>Pentazocine</i>	8.8	73
Pentobarbital	8.0	32
Perphenazine	7.8	21
	3.7	60
Phenacetin	2.2	29
Phenadoxane	6.9	14
<i>Phenazocine</i>	8.5	73
Phendimetrazine	7.6	35
Phenethicillin	2.7	19
Phenformin	11.8	140
	3.1	36
Phenindamine	8.3	37
Phenindione	4.1	27
Pheniramine	9.3	37
Phenmetrazine	8.5	35
Phenobarbital	7.5	13
Phenol	9.9	7
<i>Phenolphthalein</i>	9.7	16
Phenolsulfonphthalein	7.9	18
<i>Phenoxypropazine</i>	6.9	16
Phenoxyacetic Acid	3.1	12
Phentermine	10.1	35
<i>Phentolamine</i>	7.7	16
Phenylbutazone	4.4	141
Phenylbutazone (isopropyl analog)	5.5	142
Phenylephrine	9.8 (amine)	143
	8.8 (phenol)	
Phenylethylamine	9.8	24
Phenylpropanolamine	9.4	109
Phenylpropylmethylamine	9.9	24
<i>Phenyltoloxamine</i>	9.1	16
Phenyramidol	5.9	18
Phenytoin	8.3	144
<i>o</i> -Phthalamic Acid	3.8	12

Name	pKa	Reference
Phthalic Acid	2.9	6
Phthalimide	7.4	12
Physostigmine	2.0	3
	8.1	
Picolinic Acid	5.3	38
Picric Acid	0.4	42
Pilocarpine	1.6	3
	7.1	
<i>Pimozide</i>	7.3	32
<i>Pindolol</i>	8.8	30
Piperazine	5.7	30
	10.0	
Piperidine	11.2	6
Pirbuterol	3.0 (pyridine)	145
	7.0 (pyridol)	
	10.3 (amine)	
Plasmoquin	3.5	146
	10.1	
<i>Polymyxin</i>	8.9	30
Polymyxine B	8.9	15
<i>Practolol</i>	9.5	30
Prazepam	3.0	147
<i>Prazosin</i>	6.5	42
Prilocaine	7.9	39
Probarbital	8.0	22
Probenecid	3.4	1
Procainamide	9.2	148
Procaine	9.0	149
Procarbazine	6.8	150
Prochlorperazine	3.6	64
	7.5	
Promazine	9.4	53
Promethazine	9.1	64
Propicillin	2.7	19
Propiomazine	6.6	151
Propionic Acid	4.9	42
<i>Propoxycaïne</i>	8.6	15
<i>Propoxyphene</i>	6.3	73
Propranolol	9.5	15
<i>i</i> -Propylamine	10.6	12
<i>n</i> -Propylamine	10.6	12
Propylhexedrine	10.5	64
Propylparaben	8.4	41
Propylthiouracil	7.8	152
Pseudoephedrine	9.9	35

Name	pKa	Reference
Pyrathiazine	8.9	64
Pyrazinamide	0.5	18
Pyridine	5.2	6
Pyridoxine	2.7	153
	5.0 (amine)	153
	9.0 (phenol)	154
Pyrilamine	4.0	3
	8.9	
Pyrimethamine	7.2	1
Pyrimethazine	9.4	53
Pyrobutamine	8.8	37
Pyruvic Acid	2.5	18
Q		
Quinacrine	8.0	3
	10.2	
<i>Quinethazone</i>	9.3	42
	10.7	
Quinidine	4.2	3
	8.3	
Quinine	4.2	3
	8.8	
R		
Reserpine	6.6	42
Resorcinol	6.2	12
Riboflavin	1.7	3
	10.2	
Rifampin	1.7 (C-8 phenol)	155
	7.9 (piperazine N)	
<i>Rolitetraçycline</i>	7.4	30
S		
Saccharic Acid	3.0	12
Saccharin	1.6	42
Salicylamide	8.1	32
Salicylic Acid	3.0	6
	13.4 (phenol)	
Scopolamine	7.6	3
Secobarbital	8.0	156
	12.6	33
Serotonin	4.9	18
	9.8	
Sorbic Acid	4.8	12

Name	pKa	Reference
Sotalol	9.8 (amine) 8.3 (sulfonamide)	157
Spectinomycin	7.0 8.7	18
Strychnine	2.5 8.2	3
Succinic Acid	4.2 (1st) 5.6 (2nd)	
Succinimide	9.6	158
Succinuric Acid	4.5	12
<i>Succinylsulfathiazole</i>	4.5	15
Sulfacetamide	5.4 1.8	159
Sulfadiazine	6.5 2.0	32 88
Sulfadimethoxine	6.7 2.0 (amine)	159
Sulfadimethoxytriazine	5.0	9
Sulfaethidole	5.4 1.9	32 88
Sulfaguanidine	2.8 12.1	32 88
Sulfamerazine	7.1 2.3	42 88
Sulfameter	6.8	18
Sulfamethazine	7.4 2.4	32 88
Sulfamethizole	5.4 2.0	32 88
<i>Sulfamethoxazole</i>	5.6	34
Sulfamethoxypyridazine	7.2	9
Sulfanilamide	10.4	160
Sulfanilic Acid	3.2	6
Sulfaphenazole	6.5 1.9 (amine)	159
Sulfapyridine	8.4 2.6	42 88
Sulfasalazine	0.6 (amine) 2.4 (carboxyl) 9.7 (sulfonamide) 11.8 (phenol)	161
Sulfathiazole	7.1 2.4	42 88
Sulfinpyrazone	2.8	93
Sulfisomidine	7.5	159

Name	pKa	Reference
Sulfisoxazole	2.4 (amine) 5.0	32
T		
Talbutal	7.8	10
Tartaric Acid	3.0 (1st) 4.3 (2nd)	57
<i>Terbutaline</i>	10.1 11.2 8.8	15
Tetracaine	8.5	70
Tetracycline	3.3 7.7 9.5	56
Thenyldiamine	3.9 8.9	3
Theobromine	8.8 0.7 (amine)	32
	10.1 0.1	32
Theophylline	8.8 0.7 (amine)	32
<i>Theophylline Ethanolamine</i>	3.5 9.1	36 15
Thiamine	4.8 9.0	153
Thiamylal	7.3	123
Thioacetic Acid	3.3	12
Thioglycolic Acid	3.6	12
Thiopental	7.5	123
Thiopropazate	3.2 7.2	64
Thioridazine	9.5	53
Thiouracil	7.5	152
Thonzylamine	8.8 2.2	37 50
L-Thyronine	9.6 (phenol)	116
L-Thyroxine	2.2 (carboxyl) 6.7 (phenol) 10.1 (amine)	162
<i>Ticarcillin</i>	2.6 3.4	42
Tolazamide	5.7	15
	3.1	30
Tolazoline	10.3	163

Name	pKa	Reference
Tolbutamide	5.3	32
Tolmetin	3.5	42
p-Toluidine	5.3	7
Tranexamic Acid	4.3	29
	10.6	
Tranlycypromine	8.2	16
Triamterene	6.2	16
Trichlormethiazide	8.6	42
Trichloroacetic Acid	0.9	42
Triethanolamine	7.8	72
Triethylamine	10.7	29
Trifluoperazine	4.1	53
	8.4	
Triflupromazine	9.4	64
Trimethobenzamide	8.3	164
Trimethoprim	7.2	165
Trimethylamine	9.8	12
Tripelennamine	9.0	37
	4.2	50
Triprolidine	6.5	166
Troleandomycin	6.6	18
Tromethamine	8.1	72
Tropacocaine	9.7	30
Tropic Acid	4.1	12
Tropicamide	5.2	167
Tropine	10.4	12
Tuaminoheptane	10.5	50
Tubocurarine	8.1	59
	9.1	
Tubocurarine Chloride	7.4	168
Tyramine	9.5 (phenol)	109
	10.8 (amine)	
U		
Urea	0.2	169
Uric Acid	5.4	170
	10.3	
V		
Valeric Acid	4.8	42
Vanillic Acid	4.5	12
Vanillin	7.4	17
Vinbarbital	8.0	22
Vinblastine	5.4	171

Name	pKa	Reference
	7.4	
Vincristine	5.0	33
	7.4	
Viomycin	8.2	18
	10.3	
	12.0	
W		
Warfarin	5.1	172
X		
Xipamide	4.8 (phenol)	173
	10.0 (sulfonamide)	

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