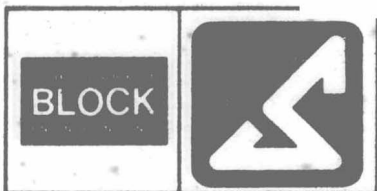


THE **SADTLER**

**STANDARD
SPECTRA**





SADTLER RESEARCH LABORATORIES, INC.

The publication of the physical data of the Sadtler Standard Spectra and the Sadtler
Commentary Spectra is intended to be descriptive. The samples of the material presented
have come primarily from other sources than our own laboratories and frequently without
the donor's knowledge of their inclusion in this publication.

On the one hand every effort is made by Sadtler Research Laboratories to ensure
the reliability of the published spectra. When improved data is available or errors are
called to our attention we revise and reissue the proper replacement spectra.

SADTLER RESEARCH LABORATORIES, INC. DOES NOT WARRANT NEUTRAL
ABILITY OF FITNESS FOR ANY PARTICULAR PURPOSE. TO MAKE ANY OTHER
WARRANTY OF AGREEMENT EXPRESS OR IMPLIED WITH RESPECT TO THE
SPECTRA CONTAINED HEREIN, IF ANY MODEL OR SAMPLE WAS KNOWN TO
BUYER, SUCH MODEL OR SAMPLE WAS USED MERELY TO ILLUSTRATE THE
ARTICLE AND NOT TO REPRESENT THAT ANY SPECTRA CONTAINED HEREIN
WOULD CONFORM TO THE MODEL OR SAMPLE.

PHARMACEUTICALS FLUORESCENCE SPECTRA

CREATIVE CHEMISTS SINCE 1874

3316 SPRING GARDEN ST., PHILADELPHIA, PA. 19104
TEL. 215 382-7800 • TWX 710 - 670-1186 • CABLE SADTLABS

SADTLER RESEARCH LABORATORIES, INC.



The publication of the physical data of the Sadtler Standard Spectra and the Sadtler Commercial Spectra is intended to be descriptive. The samples of the materials represented have come generally from other sources than our own laboratories and frequently without the donors' knowledge of their part in this publication.

On the other hand every effort is made by Sadtler Research Laboratories, Inc. to assure the reliability of the published spectra. When improved data is available or errors are called to our attention we revise and reissue the proper replacement spectra.

SADTLER RESEARCH LABORATORIES, INC. DOES NOT WARRANT MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, OR MAKE ANY OTHER WARRANTY OR AGREEMENT EXPRESS OR IMPLIED WITH RESPECT TO THE SPECTRA CONTAINED HEREIN. IF ANY MODEL OR SAMPLE WAS SHOWN TO BUYER, SUCH MODEL OR SAMPLE WAS USED MERELY TO ILLUSTRATE THE ARTICLE AND NOT TO REPRESENT THAT ANY SPECTRA CONTAINED HEREIN WOULD CONFORM TO THE MODEL OR SAMPLE.

COPYRIGHT NOTICE

ALL RIGHTS RESERVED

Copyright **1974**

SADTLER RESEARCH LABORATORIES, INC.,
Researchers, Editors & Publishers
Printed in the United States of America

PHARMACEUTICALS FLUORESCENCE SPECTRA

This collection of spectra contains the excitation and emission spectra, measured on an Aminco-Bowman SPF spectrophotofluorometer, for 150 pharmaceutical compounds. The purpose of the publication is to provide the analyst with a reliable source of reference fluorescence spectra for use in identifying and investigating materials in the areas of medicinal and pharmaceutical research.

The compounds contained in this initial publication have been selected from such sources as the United States Pharmacopoeia, the British Pharmacopoeia and the National Formulary and obtained from major pharmaceutical manufacturers.

The Aminco-Bowman SPF single beam instrument (Model 4-8202D) with a 10-280 microphotometer produces uncorrected spectra in the 200 - 800 nm scanning range utilizing a 150 watt xenon excitation source and a 1P21 photomultiplier tube. In each case the spectrum was scanned at the smallest slit width setting consistent with moderate noise levels and high resolution. If the fluorescence characteristics of a given compound were dependent on pH value, its spectra were prepared at the pH which produced maximum fluorescence. During the preparation the fluorescence characteristics were compared with the UV spectra previously published by Sadtler to ensure representative spectra.

Methods for preparing calibration curves to enable the published spectra to be "corrected" for comparison with data from other spectrofluorometers are currently being investigated in our laboratories, and comments and suggestions from users of this publication would be appreciated by our staff.

The indexes which accompany this publication are as follows:

the alphabetical index permits the contents to be located by chemical, generic or trade name,

the molecular formula index is arranged in increasing carbon atom number sequence,

and the chemical classes index categorizes the compounds according to chemical functionalities present in the molecule.

The fluorescence spectrum number appears in the right hand column of each index under the title "FLUOR." and the spectrum numbers in the columns labelled PRISM, GRATING, UV and NMR refer to the spectra for pharmaceuticals issued in the corresponding publications.

We acknowledge the assistance of Dr. Richard A. Passwater of the American Instrument Company and many pharmaceutical manufacturers in making this publication possible.

ALPHABETICAL INDEX

SADTLER PHARMACEUTICALS FLUORESCENCE SPECTRA

ALPHABETICAL INDEX

NAME	PRISM	GRATING	UV	NMR	FLUOR.
ACETAMIDE, N-SULFANILYL-, ACETAMIDE, N-SULFANILYL-, SODIUM DERIVATIVE	R 644 R 645	R 179 R 267	R 644 R 645	R 297	R 145 R 146
ACETYSALICYLIC ACID USP BP	R 11		R 11	R 6	R 1
NI-ACETYSULFANILAMIDE	R 644	R 179	R 644	R 297	R 145
ACRIDINE, 9-AMINO-, HYDROCHLORIDE, HYDRATE	R 26		R 26		R 3
ACRIDINE, 6-CHLORO-9-//4-DIETHYL- AMINO-1-METHYLBUTYL/AMINO/-2-METHOXY-, DIHYDROCHLORIDE, DIHYDRATE USP	R 585	R 253	R 585		R 129
ADRENALINE	R 254		R 254		R 51
ADRENALINE, BITARTRATE	R 255		R 255	R 121	R 52
ALBAMYCIN CALCIUM	R 457		R 457		R 100
ALBAMYCIN SODIUM	R 458		R 458		R 101
ALPHAPRODINE HYDROCHLORIDE	R 18		R 18	R 10	R 2
ALUDINE HYDROCHLORIDE	R 354		R 354	R 154	R 74
ALURATE	R 50	R 201	R 50	R 28	R 11
AMINACRINE HYDROCHLORIDE BP	R 26		R 26		R 3
5-AMINOACRIDINE HYDROCHLORIDE	R 26		R 26		R 3
9-AMINOACRIDINE HYDROCHLORIDE	R 26		R 26		R 3
P-AMINOBENZOIC ACID NF	R 27		R 27	R 120	R 4
AMINOPENTAMIDE SULFATE	R 29		R 29	R 13	R 5
AMINOSALICYLIC ACID USP	R 31	R 219	R 31	R 15	R 6
AMMONIUM CHLORIDE, BENZYLDIMETHYL- /2-/2-/P-1,1,3,3-TETRAMETHYLBUTYL- PHENOXY/ETHOXY/ETHYL-,	R 74		R 74	R 41	R 19
AMOBARBITAL SODIUM USP	R 34		R 34	R 17	R 7
AMYSIN HYDROCHLORIDE	R 438		R 438		R 97
AMYTAL SODIUM	R 34		R 34	R 17	R 7
ANALEXIN	R 512		R 512		R 113
ANETHOLE USP	R 45		R 45	R 24	R 8
ANILINE, 4,4--SULFONYLDI-,	R 192	R 164	R 192	R 94	R 41
ANTIBIOTIC FROM STREPTOMYCES	R 458		R 458		R 101
ANTIBIOTIC FROM STREPTOMYCES	R 457		R 457		R 100
ANTIPYRINE NF	R 48	R 159	R 48	R 27	R 9
APOMORPHINE, HYDROCHLORIDE, HEMI- HYDRATE	R 49		R 49		R 10
APOMORPHINIUM HYDROCHLORIDE	R 49		R 49		R 10
APROBARBITAL	R 50	R 201	R 50	R 28	R 11
ARALEN PHOSPHATE	R 51	R 249	R 51		R 12
ARAMINE BITARTRATE	R 395		R 395		R 87
ARLIDIN HYDROCHLORIDE	R 459		R 459		R 102
ARTERENOL, TARTRATE, HYDRATE	R 362		R 362	R 157	R 78
ASPIRIN	R 11		R 11	R 6	R 1
ASTEROL DIHYDROCHLORIDE	R 193		R 193	R 95	R 42
ATABRINE HYDROCHLORIDE	R 585	R 253	R 585		R 129
AUREOMYCIN CALCIUM	R 150		R 150		R 32
AUREOMYCIN HYDROCHLORIDE	R 151		R 151		R 33
AZACYCLONOL HYDROCHLORIDE NF	R 61		R 61		R 13
AZAPETINE PHOSPHATE	R 62	R 202	R 62		R 14
BACITRACIN USP BP	R 64		R 64		R 15
BARBITAL NF	R 65		R 65	R 35	R 16
BARBITONE	R 65		R 65	R 35	R 16
BARBITURIC ACID, 5-ALLYL-5- ISOPROPYL-,	R 50	R 201	R 50	R 28	R 11
BARBITURIC ACID, 5-SEC-BUTYL-5- ETHYL-, SODIUM SALT	R 96	R 215	R 96		R 22
BARBITURIC ACID, 5,5-DIETHYL-,	R 65		R 65	R 35	R 16
BENADRYL HYDROCHLORIDE	R 235	R 224	R 235		R 48
BENOXINATE HYDROCHLORIDE USP	R 69	R 237	R 69	R 38	R 17
BENZALDEHYDE, 3-ETHOXY-4-HYDROXY-,	R 283		R 283	R 129	R 61
BENZAMIDE, P-AMINO-N-/2-DIETHYL- AMINOETHYL/-, HYDROCHLORIDE	R 552		R 552	R 247	R 120
BENZENE, 1,3-DIHYDROXY-,	R 598		R 598		R 138
BENZENE, 1,3-DIHYDROXY-, ACETATE	R 599		R 599	R 271	R 139
BENZESTROL NF	R 73		R 73	R 40	R 18
BENZETHONIUM CHLORIDE USP	R 74		R 74	R 41	R 19
BENZOCAIN	R 280	R 191	R 280	R 128	R 60
5-BENZOFURANACRYLIC ACID, 6-HYDROXY- 7-METHOXY-, D-LACTONE	R 412		R 412	R 181	R 92
5-BENZOFURANACRYLIC ACID, 6-HYDROXY- 7-METHOXY-, D-LACTONE	R 413		R 413	R 182	R 93
BENZOIC ACID, 2-METHYL-2-PROPYL- AMINOPROPYL ESTER, HYDROCHLORIDE	R 386		R 386	R 168	R 85
BENZOIC ACID, P-ACETAMIDO-, 2-DIMETHYLAMINOETHYL ESTER	R 180		R 180	R 88	R 38
BENZOIC ACID, P-AMINO-,	R 27		R 27	R 12	R 4
BENZOIC ACID, P-AMINO-, BUTYL ESTER	R 99		R 99	R 51	R 24
BENZOIC ACID, P-AMINO-, 2-DIETHYL- AMINOETHYL ESTER, HYDROCHLORIDE	R 553	R 161	R 553		R 121
BENZOIC ACID, P-AMINO-, ETHYL ESTER	R 280	R 191	R 280	R 128	R 60

ALPHABETICAL INDEX

NAME	PRISM	GRATING	UV	NMR	FLUOR.
BENZOIC ACID, P-AMINO-, 2-ISOBUTYL-AMINOETHYL ESTER, HYDROCHLORIDE	R 97		R 97		R 23
BENZOIC ACID, P-AMINO-, 2-PENTYL-AMINOETHYL ESTER, HYDROCHLORIDE	R 438		R 438		R 97
BENZOIC ACID, 4-AMINO-3-BUTOXY-, 2-DIETHYLAMINOETHYL ESTER, HYDROCHLORIDE	R 69	R 237	R 69	R 38	R 17
BENZOIC ACID, 3-AMINO-4-PROPOXY-, 2-DIETHYLAMINOETHYL ESTER, HYDROCHLORIDE	R 566	R 158	R 566		R 124
BENZOIC ACID, 4-AMINO-2-PROPOXY-, 2-DIETHYLAMINOETHYL ESTER, HYDROCHLORIDE	R 567		R 567	R 257	R 125
BENZOIC ACID, P-BUTYLAMINO-, 2-DIMETHYLAMINOETHYL ESTER	R 673	R 162	R 673		R 148
BENZOIC ACID, P-CYCLOHEXYLOXY-, 3-/2-METHYLPYPERIDINO/PROPYL ESTER, HYDROCHLORIDE	R 173		R 173	R 84	R 37
BENZOIC ACID, O-HYDROXY-,	R 609		R 609	R 276	R 142
BENZOIC ACID, P-HYDROXY-, METHYL ESTER	R 426		R 426	R 187	R 96
BENZOIC ACID, P-HYDROXY-, PROPYL ESTER	R 572		R 572	R 261	R 126
6,7-BENZOMORPHAN, 5,9-DIMETHYL-2-HYDROXY-2-/N,8-PHENETHYL/-,	R 487		R 487		R 107
BENZOTHAZOLE, 6-/2-DIETHYLAMINO-ETHOXY/-2-DIMETHYLAMINO-, DIHYDROCHLORIDE	R 193		R 193	R 95	R 42
BENZYL ALCOHOL, 3,4-DIHYDROXY-A-/METHYLAMINOMETHYL/-,	R 254		R 254		R 51
BENZYL ALCOHOL, 3,4-DIHYDROXY-A-/METHYLAMINOMETHYL/-, ACID TARTRATE	R 255		R 255	R 121	R 52
BENZYL ALCOHOL, N-HYDROXY-A-/METHYLAMINOMETHYL/-, HYDROCHLORIDE,	R 502	R 195	R 502	R 224	R 111
BLOCKAIN	R 567		R 567	R 257	R 125
BRILLIANT GREEN BP	R 91		R 91		R 21
BUTABARBITAL SODIUM NF	R 96	R 215	R 96		R 22
BUTESIN	R 99		R 99	R 51	R 24
BUTETHAMINE HYDROCHLORIDE NF	R 97		R 97		R 23
BUTISOL SODIUM	R 96	R 215	R 96		R 22
BUTYLAMINO BENZOATE NF	R 99		R 99	R 51	R 24
CALCIUM SALT OF CHLORTETRACYCLINE	R 150		R 150		R 32
CALCIUM FOLINATE-SF	R 110		R 110		R 26
CALCIUM LEUCOVORIN USP	R 110		R 110		R 26
CARBAMIC ACID, 2-HYDROXY-3-/O-METHOXY/PHENOXYPROPYL ESTER	R 101	R 235	R 101	R 53	R 25
CARBOLIC ACID	R 494		R 494	R 218	R 109
CAYTINE	R 574		R 574		R 127
CENTRINE	R 29		R 29	R 13	R 5
CHLOROQUINE PHOSPHATE USP BP	R 51	R 249	R 51		R 12
CHLOROTHEN CITRATE NF	R 141		R 141		R 27
P-CHLOROTHYMOYL NF	R 142		R 142	R 72	R 28
CHLOROXYLENOL BP	R 144		R 144	R 73	R 29
CHLORPHENOXAMINE HYDROCHLORIDE	R 146	R 187	R 146	R 74	R 30
CHLORPROMAZINE	R 147	R 247	R 147		R 31
CHLORTETRACYCLINE, CALCIUM SALT	R 150		R 150		R 32
CHLORTETRACYCLINE HYDROCHLORIDE	R 151		R 151		R 33
CINCHONIDINE, SULFATE, TRIHYDRATE	R 158		R 158		R 34
CINCHONINIC ACID, 6-METHYL-2-PHENYL-, ETHYL ESTER	R 439		R 439	R 193	R 98
CINCHOPHEN NFX	R 159		R 159	R 80	R 35
COBEFRIN	R 452		R 452	R 200	R 99
COBEFRIN	R 364		R 364		R 80
COMPAZINE	R 555		R 555	R 249	R 123
CRESOL /MIXTURE/	R 168		R 168		R 36
CRESOL USP BP	R 168		R 168		R 36
CRYSTICILLIN	R 554	R 234	R 554	R 248	R 122
CYCLAMINE HYDROCHLORIDE	R 319		R 319	R 139	R 68
CYCLOMETHICAINE HYDROCHLORIDE	R 173		R 173	R 84	R 37
DAPSONE BP	R 192	R 164	R 192	R 94	R 41
DARAPRIM	R 583	R 169	R 583		R 128
DEANER	R 180		R 180	R 88	R 38
DEANOL ACETAMIDOBENZOATE	R 180		R 180	R 88	R 38
DELESTROGEN	R 268		R 268	R 124	R 57
DEPO-ESTRADIOL CYCLOPENTYL-PROPIONATE	R 266		R 266	R 122	R 56
DESERPINE	R 184		R 184		R 39
11-DESMETHOXYRESERPINE	R 184		R 184		R 39
DEXTROMETHORPHAN HYDROBROMIDE NF	R 190		R 190	R 92	R 40
DIAFEN	R 238		R 238	R 111	R 49
DIAMINODIPHENYLSULFONE, 4,4'-,	R 192	R 164	R 192	R 94	R 41

SADTLER PHARMACEUTICALS FLUORESCENCE SPECTRA

ALPHABETICAL INDEX

NAME	PRISM	GRATING	UV	NMR	FLUOR.
DIANTHAZOLE DIHYDROCHLORIDE	R 193		R 193	R 95	R 42
5H-DIBENZ/C,E/AZEPINE, 6-ALLYL-6,7-DIHYDRO-, PHOSPHATE	R 62	R 202	R 62		R 14
DI-/P-DIETHYLAMINO/TRIPHENYL CARBINOLANHYDRIDE SULFATE	R 91		R 91		R 21
DIHYDRODIETHYLSTILBESTEROL	R 315		R 315		R 67
DIMETHISOQUIN HYDROCHLORIDE NF	R 219		R 219	R 103	R 43
1,3-DIMETHYL-4-PHENYL-4-PIPERIDYL PROPIONATE HYDROCHLORIDE	R 18		R 18	R 7	R 2
DIMETHYL TUBOCURARINE CHLORIDE	R 221		R 221		R 44
DIMETHYL TUBOCURARINE IODIDE	R 222		R 222		R 45
DIOXYLINE PHOSPHATE	R 224		R 224		R 46
DIPHENHYDRAMINE HYDROCHLORIDE	R 235	R 224	R 235		R 48
DIPHENHYDRAMINE HYDROCHLORIDE USP BP	R 235	R 224	R 235		R 48
DIPHENYLPYRALINE HYDROCHLORIDE	R 238		R 238	R 111	R 49
DORSACAINE	R 69	R 237	R 69	R 38	R 17
D-C YELLOW NO 8	R 292		R 292		R 63
EMETINE, HYDROCHLORIDE, HYDRATE	R 250		R 250		R 50
EMETINE HYDROCHLORIDE USP BP	R 250		R 250		R 50
EPHEDRINE, ISOMER OF	R 81		R 81	R 45	R 20
EPINEPHRINE BITARTRATE USP	R 255		R 255	R 121	R 52
EPINEPHRINE USP	R 254		R 254		R 51
ERGONOVINE, METHYL-, MALEATE	R 423		R 423		R 95
ERGONOVINE MALEATE USP BP	R 256		R 256		R 53
ERGOTAMINE TARTRATE USP BP	R 257	R 270	R 257		R 54
ERGOTRINE MALEATE	R 256		R 256		R 53
ESERINE SALICYLATE	R 514		R 514	R 233	R 114
ESTINYL	R 273		R 273		R 59
ESTRADIOL, 17-VALERATE	R 268		R 268	R 124	R 57
ESTRADIOL, 17-ETHYNYL-,	R 273		R 273		R 59
ESTRADIOL CYCLOPENTYLPROPIONATE NF	R 266		R 266	R 122	R 56
ESTRADIOL NF	R 265		R 265		R 55
ESTRADIOL VALERATE	R 268		R 268	R 124	R 57
ESTRADIENE, D-1,3,5-, 3,17-DI-HYDROXY-,	R 265		R 265		R 55
ESTROGENIC SUBSTANCES, NATURAL USP	R 269		R 269		R 58
ESTRUSOL	R 269		R 269		R 58
ETHANOL, 2-/2-/4-/P-CHLORO-A-PHENYLBENZYL/-1-PIPERAZINYL/ETHOXY/-,	R 336		R 336	R 146	R 72
1,1-METHYLENEBIS/-2-HYDROXY-3-NAPHTHOIC ACID /SALT/					
ETHANOL, 1-PHENYL-2-/2-PYRIDYL-AMINO/-, HYDROCHLORIDE	R 512		R 512		R 113
ETHINYL ESTRADIOL USP BP	R 273		R 273		R 59
ETHYLAMINE, 2-/BENZHYDROXY/-N,N-DIMETHYL-, HYDROCHLORIDE	R 235	R 224	R 235		R 48
ETHYLAMINE, 2-/1-/P-CHLOROPHENYL/-1-PHENYLETHOXY/-N,N-DIMETHYL-, HYDROCHLORIDE	R 146	R 187	R 146	R 74	R 30
ETHYL AMINO BENZOATE NF	R 280	R 191	R 280	R 128	R 60
ETHYL VANILLIN NF	R 283		R 283	R 129	R 61
FLORANTYRONE	R 289		R 289	R 132	R 62
8-FLUORANTHENE BUTYRIC ACID, G-EXO-,	R 289		R 289	R 132	R 62
FLUORESCIN, 2,7-DIBROMO-4-HYDROXY-MERCURY-, DISODIUM SALT	R 388		R 388		R 86
FLUORESCIN SODIUM USP BP	R 292		R 292		R 63
FOLIC ACID USP BP	R 295		R 295		R 64
FOLINIC ACID-SF, CALCIUM SALT, PENTAHYDRATE	R 110		R 110		R 26
FOLVITE	R 295		R 295		R 64
FRENQUEL	R 61		R 61		R 13
FULVICIN	R 310		R 310	R 136	R 65
GLYCERYL GUAIACOLATE	R 311		R 311	R 137	R 66
GRISOFULVIN	R 310		R 310	R 136	R 65
GUAIACOL GLYCERYL ETHER	R 311		R 311	R 137	R 66
GUAIACOLSULFONIC ACID, POTASSIUM SALT	R 535		R 535		R 117
GYNERGEN	R 257	R 270	R 257		R 54
HARMONYL	R 184		R 184		R 39
HEXANE, 3-ETHYL-2,4-BIS-/P-HYDROXYPHENYL/-,	R 73		R 73	R 40	R 18
HEXESTROL NF	R 315		R 315		R 67
HEXYLCAINE HYDROCHLORIDE NF	R 319		R 319	R 139	R 68
HEXYLRESORCINOL USP BP	R 320		R 320	R 140	R 69
HIPPURIC ACID, P-AMINO-,	R 225		R 225	R 105	R 47
HISTADYL	R 402		R 402	R 175	R 89
THEPHORIN TARTRATE	R 489		R 489		R 108
HYDROXYAMPHETAMINE HYDROBROMIDE USP	R 331		R 331	R 143	R 70
HYDROXYSTILBAMIDINE ISETHIONATE USP	R 334		R 334		R 71
HYDROXYZINE PAMOATE	R 336		R 336	R 146	R 72
ILIDAR PHOSPHATE	R 62	R 202	R 62		R 14

SADTLER PHARMACEUTICALS FLUORESCENCE SPECTRA

ALPHABETICAL INDEX

NAME	PRISM	GRATING	UV	NMR	FLUOR.
IMINOETHANOPHENANTHREN-6-OL, 2H-10,4A-, 11-METHYL-1,3,4,9,10,10A-HEXAHYDRO-, TARTRATE, DIHYDRATE	R 363		R 363		R 79
IMINOETHANOPHENANTHREN-6-OL, 11-ALLYL-1,3,4,9,10,10A-HEXAHYDRO-2H-10,4A-, TARTRATE, L-	R 361	R 203	R 361		R 77
IMINOETHANOPHENANTHRENE, 2H-10,4A-, D-1,3,4,9,10,10A-HEXAHYDRO-6-METHOXY-11-METHYL-, HYDROBROMIDE	R 190		R 190	R 92	R 40
INH	R 351		R 351		R 73
SALT OF IPECAC ALKALOID	R 250		R 250		R 50
ISONIAZID USP BP	R 351		R 351		R 73
ISONICOTINYL HYDRAZINE	R 351		R 351		R 73
ISONIPECOTAMIDE, 1-/3-/2-CHLORO-10-PHENOTHIAZINYL/PROPYL/-	R 518		R 518		R 115
ISONORIN SULFATE	R 355	R 192	R 355		R 75
ISOPROTERENOL HYDROCHLORIDE USP	R 354		R 354	R 154	R 74
ISOPROTERENOL SULFATE NF BP	R 355	R 192	R 355		R 75
ISOQUINOLINE, 3-BUTYL-1-/2-DIMETHYLAMINOETHOXY/-, HYDROCHLORIDE	R 219		R 219	R 103	R 43
ISOQUINOLINE, 1-/4-ETHOXY-3-METHOXYBENZYL/-6,7-DIMETHOXY-3-METHYL-PHOSPHATE	R 224		R 224		R 46
ISOXUPRINE HYDROCHLORIDE	R 356	R 278	R 356		R 76
LEUCOVORIN	R 110		R 110		R 26
LEVALLORPHAN TARTRATE	R 361	R 203	R 361		R 77
LEVARTERENOL BITARTRATE USP BP	R 362		R 362	R 157	R 78
LEVODROMORAN TARTRATE	R 363		R 363		R 79
LEVONORDEFIN NF	R 364		R 364		R 80
LEVOPHED BITARTRATE	R 362		R 362	R 157	R 78
LEVORPHANOL TARTRATE NF	R 363		R 363		R 79
LORFAN TARTRATE	R 361	R 203	R 361		R 77
MADRISON	R 649	R 206	R 649	R 299	R 147
MECOSTRIN CHLORIDE	R 221		R 221		R 44
MELLARIL	R 692	R 292	R 692		R 149
MELOXINE	R 413		R 413	R 182	R 93
MENADIOL SODIUM DIPHOSPHATE	R 373	R 298	R 373		R 81
MEPAZINE ACETATE DIHYDRATE	R 376		R 376		R 82
MEPAZINE HYDROCHLORIDE MONOHYDRATE	R 377		R 377		R 83
MEPHENESIN CARBAMATE	R 381		R 381	R 165	R 84
MEPRYLCAINE HYDROCHLORIDE NF	R 386		R 386	R 168	R 85
MERBROMIN NF	R 388		R 388		R 86
MERCUROCHROME	R 388		R 388		R 86
METARAMINOL BITARTRATE NF	R 395		R 395		R 87
METHALLENESTRIL	R 399		R 399	R 172	R 88
METHANO-3-BENZAZOCIN-8-OL, 2,6-, 1,2,3,4,5,6-HEXAHYDRO-6,11-DIMETHYL-3-PHENETHYL-, HYDROBROMIDE	R 487		R 487		R 107
METHAPYRILENE HYDROCHLORIDE NF	R 402		R 402	R 175	R 89
METHDILAZINE HYDROCHLORIDE	R 404	R 290	R 404		R 90
METHERGINE MALEATE	R 423		R 423		R 95
METHOCARBANOL	R 101	R 235	R 101	R 53	R 25
METHOXAMINE HYDROCHLORIDE USP	R 411	R 271	R 411	R 180	R 91
METHOXSALEN	R 413		R 413	R 182	R 93
METHOXSALEN	R 412		R 412	R 181	R 92
METHOXYPHENAMINE HYDROCHLORIDE	R 414	R 261	R 414	R 183	R 94
METHYLERGONOVINE MALEATE NF BP	R 423		R 423		R 95
METHYLPARABEN USP	R 426		R 426	R 187	R 96
METUBINE IODIDE	R 222		R 222		R 45
MONOCAINE HYDROCHLORIDE	R 97		R 97		R 23
MONOCHLOROTHYMOL	R 142		R 142	R 72	R 28
MORNIDINE	R 518		R 518		R 115
MORPHOLINE, 4-/3-/P-BUTOXYPHENOXY-PROPYL/-, HYDROCHLORIDE	R 543		R 543	R 243	R 118
NAEPINE HYDROCHLORIDE NF	R 438		R 438		R 97
2-NAPHTHACENECARBOXAMIDE, 4-DIMETHYL-AMINO-1,4,4A,5,5A,6,11,12A-OCTAHYDRO-3,5,6,10,12,12A-HEXAHYDROXY-6-METHYL-1,11-DIOXO-, HYDROCHLORIDE	R 471		R 471		R 105
2-NAPHTHACENECARBOXAMIDE, 4-DIMETHYL-AMINO-1,4,4A,5,5A,6,11,12A-OCTAHYDRO-3,5,6,10,12,12A-HEXAHYDROXY-6-METHYL-1,11-DIOXO-, DIHYDRATE	R 470		R 470		R 104
1,4-NAPHTHALENEDIOL, 2-METHYL-, DIPHOSPHATE, TETRASODIUM SALT	R 373	R 298	R 373		R 81
2-NAPHTHALENEPROPIONIC ACID, A,A-DIMETHYL-8-ETHYL-6-METHOXY-,	R 399		R 399	R 172	R 88
NATURAL VITAMIN A	R 463		R 463		R 103
NEOCINCOPHEN NF	R 439		R 439	R 193	R 98
NEOSYNEPHRIN HYDROCHLORIDE	R 502	R 195	R 502	R 224	R 111
NISENTIL HYDROCHLORIDE	R 18		R 18	R 10	R 2

ALPHABETICAL INDEX

NAME	PRISM	GRATING	UV	NMR	FLUOR.
NORDEFIRIN HYDROCHLORIDE NF	R 452		R 452	R 200	R 99
NOREPHEDRIN, 3,4-DIHYDROXY-, HYDROCHLORIDE	R 452		R 452	R 200	R 99
NOREPHEDRINE, 3,4-DIHYDROXY-, L-, HYDROCHLORIDE	R 364		R 364		R 80
NOREPHEDRINE, 2,5-DIMETHOXY-, HYDROCHLORIDE	R 411	R 271	R 411	R 180	R 91
NOREPHEDRINE, N-HYDROXY-, BITARTRATE	R 395		R 395		R 87
NOREPHEDRINE, P-HYDROXY-N-/1- METHYL-3-PHENYLPROPYL/-, HYDROCHLORIDE	R 459		R 459		R 102
L-NOREPINEPHRINE BITARTRATE	R 362		R 362	R 157	R 78
NOVOBIOCIN CALCIUM USP BP	R 457		R 457		R 100
NOVOBIOCIN SODIUM USP BP	R 458		R 458		R 101
NOVOCAIN-WINTHROP	R 553	R 161	R 553		R 121
NYLIDRIN HYDROCHLORIDE NF	R 459		R 459		R 102
OLEOVITAMIN A USP	R 463		R 463		R 103
OPHTHAINE	R 566	R 158	R 566		R 124
ORACAINE HYDROCHLORIDE	R 386		R 386	R 168	R 85
ORTHIXINE HYDROCHLORIDE	R 414	R 261	R 414	R 183	R 94
OXSALEN	R 412		R 412	R 181	R 92
OXYTETRACYCLINE HYDROCHLORIDE NF BP	R 471		R 471		R 105
OXYTETRACYCLINE NF BP	R 470		R 470		R 104
PABA	R 27		R 27	R 12	R 4
PACATAL ACETATE	R 376		R 376		R 82
PACATAL HYDROCHLORIDE	R 377		R 377		R 83
PAMISYL	R 31	R 219	R 31	R 19	R 6
PAREDINE	R 331		R 331	R 143	R 70
PASARA SODIUM	R 617	R 221	R 617		R 143
PASKALIUM	R 533	R 220	R 533	R 240	R 116
PAVERIL PHOSPHATE	R 224		R 224		R 46
PENICILLIN G, PROCAINE SALT, HYDRATE	R 554	R 234	R 554	R 248	R 122
PERPHENAZINE	R 483	R 285	R 483	R 211	R 106
PHEMEROL CHLORIDE	R 74		R 74	R 41	R 19
PHENAZOCINE HYDROBROMIDE	R 487		R 487		R 107
PHENAZONE	R 48	R 159	R 48	R 27	R 9
PHENETHYLAMINE, O-METHOXY-N,A- DIMETHYL-, HYDROCHLORIDE	R 414	R 261	R 414	R 183	R 94
PHENINDAMINE, TARTRATE	R 489		R 489		R 108
PHENIRAMIDOL	R 512		R 512		R 113
PHENOL, P-/2-AMINOPROPYL/-, HYDROBROMIDE	R 331		R 331	R 143	R 70
PHENOL, 4,4'-/1,2-DIETHYL- ETHYLENE/DI-,	R 315		R 315		R 67
PHENOL, 4,4'-/3-ETHYL-2,4- HEXYLENE/BIS-,	R 73		R 73	R 40	R 28
PHENOL, 4-/1-HYDROXY-2-/1-METHYL- 2-PHENOXYETHYLAMINO/PROPYL/-, HYDROCHLORIDE	R 356	R 278	R 356		R 76
PHENOL USP BP	R 494		R 494	R 218	R 109
PHENOTHIAZINE, 2-CHLORO-10- /3-DIMETHYLAMINOPROPYL/-,	R 147	R 247	R 147		R 31
PHENOTHIAZINE, 2-CHLORO-10-/3-4- METHYL-1-PIPERAZINYL/PROPYL/-,	R 555		R 555	R 249	R 123
PHENOTHIAZINE, 10-/1-METHYL- 3-PIPERIDYL/METHYL/-, ACETATE DIHYDRAT	R 376		R 376		R 82
PHENOTHIAZINE, 10-/1-METHYL-3- PIPERIDYL/METHYL/-, HYDROCHLORIDE, HYDRATE	R 377		R 377		R 83
PHENOTHIAZINE, 10-/1-METHYL-3- PYRROLIDYLMETHYL/-, HYDROCHLORIDE	R 404	R 290	R 404		R 90
PHENOTHIAZINE, 2-/METHYLTHIO-/10- /2-/1-METHYL-2-PIPERIDYL/ETHYL/-, HYDROCHLORIDE	R 692	R 292	R 692		R 149
PHENOTHIAZINE NF	R 497		R 497	R 221	R 110
PHENOXENE	R 146	R 187	R 146	R 74	R 30
PHENYLEPHRINE HYDROCHLORIDE USP BP	R 502	R 195	R 502	R 224	R 111
PHENYL SALICYLATE NF	R 510		R 510		R 112
PHOSPHINIC ACID, BIS/P-NITROPHENYL/ PHYSOSTIGMINE SALICYLATE USP BP	R 695		R 695		R 150
PIAMAZINE	R 514		R 514	R 233	R 114
1-PIPERAZINEETHANOL, 4-/3-/2-CHLORO- PHENOTHIAZIN-10-YL/PROPYL/-,	R 518		R 518		R 115
PIPERIDINE, 4-DIPHENYLMETHOXY-1- METHYL-, HYDROCHLORIDE	R 483	R 285	R 483	R 211	R 106
4-PIPERIDINEMETHANOL, A,A-DIPHENYL-, HYDROCHLORIDE	R 238		R 238		R 49
PONTOCAINE HYDROCHLORIDE	R 61		R 61		R 13
POTASSIUM AMINOSALICYLATE	R 673	R 162	R 673		R 148
POTASSIUM GUAIACOLSULFONATE NF	R 533	R 220	R 533	R 240	R 116
PRAMOXINE HYDROCHLORIDE NF	R 535		R 535		R 117
	R 543		R 543	R 243	R 118

ALPHABETICAL INDEX

REQ.	NAME	PRISM	GRATING	UV	NMR	FLUOR.
88	PRIMAQUINE PHOSPHATE USP BP	R 549		R 549		R 119
89	PRINADOL	R 487		R 487		R 107
	PROCAINAMIDE HYDROCHLORIDE USP BP	R 552		R 552	R 247	R 120
90	PROCAINE HYDROCHLORIDE USP BP	R 553	R 161	R 553		R 121
91	PROCAINE PENICILLIN G USP BP	R 554	R 234	R 554	R 248	R 122
	PROCHLORPERAZINE	R 555		R 555	R 249	R 123
92	PROGYNON	R 265		R 265		R 55
	PRONESTYL HYDROCHLORIDE	R 552		R 552	R 247	R 120
93	1,2-PROPANEDIOL, 3-O-METHOXYPHENOXY/-	R 311		R 311	R 137	R 66
	1,2-PROPANEDIOL, 3-O-TOLOXY-, CARBAMATE, HEMIHYDRATE	R 381		R 381	R 165	R 84
94	1-PROPANOL, 2-AMINO-, 1-/3*,4*- DIHYDROXYPHENYL/-	R 364		R 364		R 80
95	1-PROPANOL, 2-AMINO-1-/3*,4*- DIHYDROXYPHENYL/-, HYDROCHLORIDE, D-	R 452		R 452	R 200	R 99
96	1-PROPANOL, 2-BENZYLAMINO-, L-, 2-PROPANOL, 1-CYCLOHEXYLAMINO-, BENZOATE, HYDROCHLORIDE	R 81 R 319		R 81 R 319	R 45 R 139	R 20 R 68
97	PROPARACAINE HYDROCHLORIDE	R 566	R 158	R 566		R 124
98	P-PROPENYLANISOLE	R 45		R 45	R 24	R 8
99	PROPOXYCAINE HYDROCHLORIDE NF	R 567		R 567	R 257	R 125
100	PROPYL CHENOSEPT	R 572		R 572	R 261	R 126
	PROPYLPARABEN USP	R 572		R 572	R 261	R 126
101	PROTocatechuyl ALCOHOL, A-/ISO- PROPYLAMINOMETHYL/-, HYDROCHLORIDE	R 354		R 354	R 154	R 74
102	PROTocatechuyl ALCOHOL, A-/ISO- PROPYLAMINOMETHYL/-, SULFATE, DIHYDRAT	R 355	R 192	R 355		R 75
103	PROTocatechuyl ALCOHOL, A-///A- METHYL-3,4-METHYLENEDIOXYPHENETHYL/- AMINO/METHYL/-, HYDROCHLORIDE	R 574		R 574		R 127
104	PROTOKYLOL HYDROCHLORIDE	R 574		R 574		R 127
105	PTEROYLGLUTAMIC ACID	R 295		R 295		R 64
106	PYRIDINE, 2-//5-CHLORO-2-THENYL/- 2-DIMETHYLAMINOETHYL/AMINO/-, CITRATE	R 141		R 141		R 27
107	PYRIDINE, 2-//2-DIMETHYLAMINO- ETHYL/-2-THENYLAMINO/-, HYDROCHLORIDE	R 402		R 402	R 175	R 89
108	PYRIDINE, 2,3,4,9-TETRAHYDRO-2- METHYL-9-PHENYL-1H-INDENO[2,1-C]/-	R 489		R 489		R 108
109	PYRIMETHAMINE USP BP	R 583	R 169	R 583		R 128
110	PYRIMIDINE, 2,4-DIAMINO-5- /P-CHLOROPHENYL/-6-ETHYL-,	R 583	R 169	R 583		R 128
111	QUINACRINE HYDROCHLORIDE USP	R 585	R 253	R 585		R 129
112	QUINIDINE GLUCONATE NF	R 586		R 586		R 130
113	QUINIDINE SULFATE USP BP	R 587		R 587		R 131
114	QUININE, HYDROCHLORIDE, DIHYDRATE	R 591		R 591	R 268	R 135
115	QUININE, PHOSPHATE, PENTAHYDRATE	R 592		R 592		R 136
116	QUININE, COMPLEX WITH UREA, HYDROCHLORIDE, PENTAHYDRATE	R 594		R 594	R 269	R 137
117	QUININE ACID SULFATE, HEPTAHYDRATE	R 588		R 588		R 132
118	QUININE AND UREA HYDROCHLORIDE NF	R 594		R 594	R 269	R 137
119	QUININE BISULFATE NF BP	R 588		R 588		R 132
120	QUININE DIHYDROCHLORIDE NF BP	R 589		R 589	R 267	R 133
121	QUININE HYDROBROMIDE	R 590		R 590		R 134
122	QUININE HYDROCHLORIDE NF BP	R 591		R 591	R 268	R 135
123	QUININE PHOSPHATE NF	R 592		R 592		R 136
124	QUINOLINE, 8-//4-AMINO-1-METHYL- BUTYL/AMINO/-6-METHOXY-, PHOSPHATE	R 549		R 549		R 119
125	QUINOLINE, 7-CHLORO-4-//4- DIETHYLAMINO-1-METHYLBUTYL/AMINO/-, DIPHOSPHATE	R 51	R 249	R 51		R 12
126	4-QUINOLINECARBOXYLIC ACID, 2- PHENYL-,	R 159		R 159	R 80	R 35
127	QUOTANE HYDROCHLORIDE	R 219		R 219	R 103	R 43
128	RESORCINOL, 4-HEXYL-,	R 320		R 320	R 140	R 69
129	RESORCINOL MONOACETATE NF	R 599		R 599	R 271	R 139
130	RESORCINOL USP BP	R 598		R 598		R 138
131	ROBAXIN	R 101	R 235	R 101	R 53	R 25
132	ROMILAR HYDROBROMIDE	R 190		R 190	R 92	R 40
133	SALICIM /IRWIN-NEISLER/ SALICYLAMIDE, N-PHENYL-,	R 606		R 606	R 275	R 140
134	SALICYLAMIDE, N-PHENYL-,	R 607		R 607		R 141
135	SALICYLAMIDE NF	R 606		R 606	R 275	R 140
136	SALICYLANILIDE NF	R 607		R 607		R 141
137	SALICYLIC ACID, PHENYL ESTER	R 510		R 510		R 112
138	SALICYLIC ACID, SODIUM SALT	R 628		R 628	R 288	R 144
139	SALICYLIC ACID, 4-AMINO-,	R 31	R 219	R 31	R 15	R 6
140	SALICYLIC ACID, 4-AMINO-, POTASSIUM SALT, DIHYDRATE	R 533	R 220	R 533	R 240	R 116
141	SALICYLIC ACID, 4-AMINO-, SODIUM SALT, DIHYDRATE	R 617	R 221	R 617		R 143
142	SALICYLIC ACID USP BP	R 609		R 609	R 276	R 142
143	SALOL	R 510		R 510		R 112

ALPHABETICAL INDEX

NAME	PRISM	GRATING	UV	NMR	FLUOR.
SODIUM P-AMINOHIPPURATE	R 225		R 225	R 105	R 47
SODIUM AMINOSALICYLATE USP BP	R 617	R 221	R 617		R 143
SODIUM 5-ETHYL-5-ISOAMYLBARBITURATE	R 34		R 34	R 17	R 7
SODIUM SALICYLATE USP BP	R 628		R 628	R 288	R 144
SODIUM SULAMYD	R 645	R 267	R 645		R 146
STILBENEDICARBOXAMIDINE, 4,4'-, 2-HYDROXY-, DIISETHIONATE	R 334		R 334		R 71
SULFACETAMIDE SODIUM USP BP	R 645	R 267	R 645		R 146
SULFACETAMIDE USP	R 644	R 179	R 644	R 297	R 145
SULFADIMETHOXINE	R 649	R 206	R 649	R 299	R 147
SULFANILAMIDE, NI-/2,6-DIMETHOXY-4-PYRIMIDINYL/-	R 649	R 206	R 649	R 299	R 147
SULFATE SALT OF ALKALOID FROM CINCHONA BARK	R 158		R 158		R 34
SULFOGUAIACOL	R 535		R 535		R 117
SUPRARENIN	R 255		R 255	R 121	R 52
SURFACINE HYDROCHLORIDE	R 173		R 173	R 84	R 37
SYNKAYVITE SODIUM DIPHOSPHATE	R 373	R 298	R 373		R 81
TACARYL	R 404	R 290	R 404		R 90
TAGATHEN	R 141		R 141		R 27
TERRAMYCIN	R 470		R 470		R 104
TERRAMYCIN HYDROCHLORIDE	R 471		R 471		R 105
TETRACAIN HYDROCHLORIDE USP	R 673	R 162	R 673		R 148
THIODIPHENYLAMINE	R 497		R 497	R 221	R 110
THIORIDAZINE HYDROCHLORIDE	R 692	R 292	R 692		R 149
THORAZINE	R 147	R 247	R 147		R 31
THYMOL, 6-CHLORO-,	R 142		R 142	R 72	R 28
TOLSERAM	R 381		R 381	R 165	R 84
TRILAFON	R 483	R 285	R 483	R 211	R 106
TRONOTHANE HYDROCHLORIDE	R 543		R 543	R 243	R 118
TUBOCURARINE, DIMETHYL-, CHLORIDE	R 221		R 221		R 44
TUBOCURARINE, DIMETHYL-, IODIDE	R 222		R 222		R 45
URANIN	R 292		R 292		R 63
VALERAMIDE, 4-DIMETHYLAMINO-2,2-DIPHENYL-, SULFATE	R 29		R 29	R 13	R 5
VALLESTRIL	R 399		R 399	R 172	R 88
VASODILAN	R 356	R 278	R 356		R 76
VASOXYL HYDROCHLORIDE	R 411	R 271	R 411	R 180	R 91
VISTARIL	R 336		R 336	R 146	R 72
VITAMIN A	R 463		R 463		R 103
3,5-XYLENOL, 4-CHLORO-,	R 144		R 144	R 73	R 29
ZANCHOL	R 289		R 289	R 132	R 62

MOLECULAR FORMULA INDEX

SADTLER PHARMACEUTICALS FLUORESCENCE SPECTRA

MOLECULAR FORMULA INDEX

NAME	C	H	N	O	P	S	Cl	F	I	Br	Prism	Grating	U.V.	N.M.R.	FLUOR.
CARBOLIC ACID	6	6													
PHENOL USP BP	6	6													
BENZENE, 1,3-DIHYDROXY-,	6	6													
RESORCINOL USP BP	6	6													
INH	6	7													
ISONIAZID USP BP	6	7													
ISONICOTINYL HYDRAZINE	6	7													
SALICYLIC ACID, SODIUM SALT	7	5													
SODIUM SALICYLATE USP BP	7	5													
PASKALIUM	7	6													
POTASSIUM AMINOSALICYLATE	7	6													
SALICYLIC ACID, 4-AMINO-, POTASSIUM	7	6													
SALT, DIHYDRATE	7	6													
PASARA SODIUM	7	6													
SALICYLIC ACID, 4-AMINO-, SODIUM	7	6													
SALT, DIHYDRATE	7	6													
SODIUM AMINOSALICYLATE USP BP	7	6													
BENZOIC ACID, O-HYDROXY-,	7	6													
SALICYLIC ACID USP BP	7	6													
P-AMINOBENZOIC ACID NF	7	7													
BENZOIC ACID, P-AMINO-,	7	7													
PABA	7	7													
SALICIM /IRWIN-NEISLER/	7	7													
SALICYLAMIDE NF	7	7													
AMINOSALICYLIC ACID USP	7	7													
PAMISYL	7	7													
SALICYLIC ACID, 4-AMINO-,	7	7													
GUAIACOLSULFONIC ACID, POTASSIUM	7	7													
SALT	7	7													
POTASSIUM GUAIACOLSULFONATE NF	7	7													
SULFOGUAIACOL	7	7													
CRESOL /MIXTURE/	7	8													
CRESOL USP BP	7	8													
BENZENE, 1,3-DIHYDROXY-, ACETATE	8	8													
BENZOIC ACID, P-HYDROXY-, METHYL	8	8													
ESTER	8	8													
METHYLPARABEN USP	8	8													
RESORCINOL MONOACETATE NF	8	8													
CHLOROXYLENOL BP	8	9													
3,5-XYLENOL, 4-CHLORO-,	8	9													
ACETAMIDE, N-SULFANILYL-, SODIUM	8	9													
DERIVATIVE	8	9													
SODIUM SULAMYD	8	9													
SULFACETAMIDE SODIUM USP BP	8	9													
ACETAMIDE, N-SULFANILYL-,	8	10													
NI-ACETYSULFANILAMIDE	8	10													
SULFACETAMIDE USP	8	10													
ARTERENOL, TARTRATE, HYDRATE	8	11													
LEVARTERENOL BITARTRATE USP BP	8	11													
LEVOPHED BITARTRATE	8	11													
L-NOREPINEPHRINE BITARTRATE	8	11													
BARBITAL NF	8	12													
BARBITONE	8	12													
BARBITURIC ACID, 5,5-DIETHYL-,	8	12													

SADTLER PHARMACEUTICALS FLUORESCENCE SPECTRA

MOLECULAR FORMULA INDEX

NAME	C	H	N	O	Cl	F	I	S	P	Br	Prism	Grating	U.V.	N.M.R.	FLUOR.
ACETYSALICYLIC ACID USP BP	9	8		4							R 11		R 11	R 6	R 1
ASPIRIN	9	8		4							R 11		R 11	R 6	R 1
HIPPURIC ACID, P-AMINO-	9	9		2	3					NA	R 225		R 225	R 105	R 47
SODIUM P-AMINOHIPPURATE	9	9		2	3					NA	R 225		R 225	R 105	R 47
BENZALDEHYDE, 3-ETHOXY-4-HYDROXY-	9	10		3							R 283		R 283	R 129	R 61
ETHYL VANILLIN NF	9	10		3							R 283		R 283	R 129	R 61
BENZOCAINE	9	11		1	2						R 280	R 191	R 280	R 128	R 60
BENZOIC ACID, P-AMINO-, ETHYL ESTER	9	11		1	2						R 280	R 191	R 280	R 128	R 60
ETHYL AMINOBENZOATE NF	9	11		1	2						R 280	R 191	R 280	R 128	R 60
HYDROXYAMPHETAMINE HYDROBROMIDE USP	9	13		1	1						R 331		R 331	R 143	R 70
PARERINE	9	13		1	1						R 331		R 331	R 143	R 70
PHENOL, P-/2-AMINOPROPYL/-, HYDROBROMIDE	9	13		1	1						R 331		R 331	R 143	R 70
ARAHINE BITARTRATE	9	13		1	2						R 395		R 395		R 87
BENZYL ALCOHOL, M-HYDROXY-A-/METHYLAMINOMETHYL/-, HYDROCHLORIDE,	9	13		1	2						R 502	R 195	R 502	R 224	R 111
METARAMINOL BITARTRATE NF	9	13		1	2						R 395		R 395		R 87
NEOSYNEPHRIN HYDROCHLORIDE	9	13		1	2						R 502	R 195	R 502	R 224	R 111
NOREPHEDRINE, M-HYDROXY-, BITARTRATE	9	13		1	2						R 395		R 395		R 87
PHENYLEPHRINE HYDROCHLORIDE USP BP	9	13		1	2						R 502	R 195	R 502	R 224	R 111
ADRENALINE	9	13		1	3						R 254		R 254		R 51
ADRENALINE, BITARTRATE	9	13		1	3						R 255		R 255	R 121	R 52
BENZYL ALCOHOL, 3,4-DIHYDROXY-A-/METHYLAMINOMETHYL/-, HYDROCHLORIDE,	9	13		1	3						R 254		R 254		R 51
BENZYL ALCOHOL, 3,4-DIHYDROXY-A-/METHYLAMINOMETHYL/-, ACID TARTRATE	9	13		1	3						R 255		R 255	R 121	R 52
COBEFRIN	9	13		1	3						R 364		R 364		R 80
COBEFRIN	9	13		1	3						R 452		R 452	R 200	R 99
EPINEPHRINE BITARTRATE USP	9	13		1	3						R 255		R 255	R 121	R 52
EPINEPHRINE USP	9	13		1	3						R 254		R 254		R 51
LEVONORDEFIN NF	9	13		1	3						R 364		R 364		R 80
NORDEFIN HYDROCHLORIDE NF	9	13		1	3						R 452		R 452	R 200	R 99
NOREPHEDRIN, 3,4-DIHYDROXY-, HYDROCHLORIDE	9	13		1	3						R 452		R 452	R 200	R 99
NOREPHEDRINE, 3,4-DIHYDROXY-, L-	9	13		1	3						R 364		R 364		R 80
1-PROPANOL, 2-AMINO-, 1-/3*,4*-DIHYDROXYPHENYL/-, HYDROCHLORIDE, D-, SUPRARENIN	9	13		1	3						R 364		R 364		R 80
	9	13		1	3						R 452		R 452	R 200	R 99
	9	13		1	3						R 255		R 255	R 121	R 52
ANETHOLE USP	10	12		1							R 45		R 45	R 24	R 8
P-PROPENYLANISOLE	10	12		1							R 45		R 45	R 24	R 8
BENZOIC ACID, P-HYDROXY-, PROPYL ESTER	10	12		3							R 572		R 572	R 261	R 126
PROPYL CHEMOSEPT	10	12		3							R 572		R 572	R 261	R 126
PROPYLPARABEN USP	10	12		3							R 572		R 572	R 261	R 126
P-CHLOROTHYMOLOL NF	10	13		1							R 142		R 142	R 72	R 28
MONOCHLOROTHYMOLOL	10	13		1							R 142		R 142	R 72	R 28
THYMOLOL, 6-CHLORO-, ALURATE	10	13		1							R 142		R 142	R 72	R 28
APROBARBITAL	10	14		2	3						R 50	R 201	R 50	R 28	R 11
BARBITURIC ACID, 5-ALLYL-5-ISOPROPYL-, GLYCERYL GUAIACOLATE	10	14		2	3						R 50	R 201	R 50	R 28	R 11
GUAIACOL GLYCERYL ETHER	10	14		4							R 311		R 311	R 137	R 66
1,2-PROPANEDIOL, 3-/O-METHOXYPHENOXY/-, EPHEDRINE, ISOMER OF	10	14		4							R 311		R 311	R 137	R 66
1-PROPANOL, 2-BENZYLAMINO-, L-, BARBITURIC ACID, 5-SEC-BUTYL-5-ETHYL-, SODIUM SALT	10	15		1	1						R 81		R 81	R 45	R 20
BUTABARBITAL SODIUM NF	10	15		2	3				NA		R 96	R 215	R 96		R 22
BUTISOL SODIUM	10	15		2	3				NA		R 96	R 215	R 96		R 22

SADTLER PHARMACEUTICALS FLUORESCENCE SPECTRA

MOLECULAR FORMULA INDEX

NAME	C	H	N	O	P	S	Cl	F	I	Br	PRISM	GRATING	U.V.	N.M.R.	FLUOR.	
MENADIOL SODIUM DIPHOSPHATE	11	8			8	2					NA	R 373	R 298	R 373		R 81
1,4-NAPHTHALENEDIOL, 2-METHYL-, DIPHOSPHATE, TETRASODIUM SALT	11	8			8	2					NA	R 373	R 298	R 373		R 81
SYNKAVITE SODIUM DIPHOSPHATE	11	8			8	2					NA	R 373	R 298	R 373		R 81
ANTIPYRINE NF	11	12			2	1					R	48	R 159	R 48	R 27	R 9
PHENAZONE	11	12			2	1					R	48	R 159	R 48	R 27	R 9
BENZOIC ACID, P-AMINO-, BUTYL ESTER	11	15			1	2					R	99		R 99	R 51	R 24
BUTESIN	11	15			1	2					R	99		R 99	R 51	R 24
BUTYLAMINO BENZOATE NF	11	15			1	2					R	99		R 99	R 51	R 24
MEPHENESIN CARBAMATE	11	15			1	4					R	381		R 381	R 165	R 84
1,2-PROPANEDIOL, 3-O-TOLYOXY-, CARBAMATE, HEMIHYDRATE	11	15			1	4					R	381		R 381	R 165	R 84
TOLSERAM	11	15			1	4					R	381		R 381	R 165	R 84
CARBAMIC ACID, 2-HYDROXY-3- /O-METHOXY/PHENOXYPROPYL ESTER	11	15			1	5					R	101	R 235	R 101	R 53	R 25
METHOCARBAMOL	11	15			1	5					R	101	R 235	R 101	R 53	R 25
ROBAXIN	11	15			1	5					R	101	R 235	R 101	R 53	R 25
METHOXYPHENAMINE HYDROCHLORIDE	11	17			1	1					R	414	R 261	R 414	R 183	R 94
ORTHOXINE HYDROCHLORIDE	11	17			1	1					R	414	R 261	R 414	R 183	R 94
PHENETHYLAMINE, O-METHOXY-N, A- DIMETHYL-, HYDROCHLORIDE	11	17			1	1					R	414	R 261	R 414	R 183	R 94
ALUDINE HYDROCHLORIDE	11	17			1	3					R	354		R 354	R 154	R 74
ISOPROTERENOL HYDROCHLORIDE USP	11	17			1	3					R	354		R 354	R 154	R 74
METHOXAMINE HYDROCHLORIDE USP	11	17			1	3					R	411	R 271	R 411	R 180	R 91
NOREPHEDRINE, 2,5-DIMETHOXY-, HYDROCHLORIDE	11	17			1	3					R	411	R 271	R 411	R 180	R 91
PROTODATECHUYL ALCOHOL, A-/ISO- PROPYLAMINOMETHYL/-, HYDROCHLORIDE	11	17			1	3					R	354		R 354	R 154	R 74
VASOXYL HYDROCHLORIDE	11	17			1	3					R	411	R 271	R 411	R 180	R 91
ANOBARBITAL SODIUM USP	11	17			2	3					NA	R 34		R 34	R 17	R 7
AMYTAL SODIUM	11	17			2	3					NA	R 34		R 34	R 17	R 7
SODIUM 5-ETHYL-5-ISOAMYLBARBITURATE	11	17			2	3					NA	R 34		R 34	R 17	R 7
5-BENZOFURANACRYLIC ACID, 6-HYDROXY- 7-METHOXY-, D-LACTONE	12	8				4					R	413		R 413	R 182	R 93
5-BENZOFURANACRYLIC ACID, 6-HYDROXY- 7-METHOXY-, D-LACTONE	12	8				4					R	412		R 412	R 181	R 92
MELOXINE	12	8				4					R	413		R 413	R 182	R 93
METHOXSALEN	12	8				4					R	412		R 412	R 181	R 92
METHOXSALEN	12	8				4					R	413		R 413	R 182	R 93
OXSALEN	12	8				4					R	412		R 412	R 181	R 92
PHENDTHIAZINE NF	12	9			1						R	497		R 497	R 221	R 110
THIODIPHENYLAMINE	12	9			1						R	497		R 497	R 221	R 110
PHOSPHINIC ACID, BIS/P-NITROPHENYL/ ANILINE, 4,4*-SULFONYLOI-,	12	9			2	6	1				R	695		R 695		R 150
DAPSONE BP	12	12			2	2	1				R	192	R 164	R 192	R 94	R 41
DIAMINODIPHENYLSULFONE, 4,4*-	12	12			2	2	1				R	192	R 164	R 192	R 94	R 41
DARAPRIM	12	12			2	2	1				R	192	R 164	R 192	R 94	R 41
PYRIMETHAMINE USP BP	12	13			4						R	583	R 169	R 583		R 128
PYRIMIDINE, 2,4-DIAMINO-5- /P-CHLOROPHENYL/-6-ETHYL-,	12	13			4						R	583	R 169	R 583		R 128
MADRIBON	12	14			4	4	1				R	649	R 206	R 649	R 299	R 147
SULFADIMETHOXINE	12	14			4	4	1				R	649	R 206	R 649	R 299	R 147
SULFANILAMIDE, NI-/2,6-DIMETHOXY- 4-PYRIMIDINYL/-	12	14			4	4	1				R	649	R 206	R 649	R 299	R 147
HEXYLRESORCINOL USP BP	12	18			2						R	320		R 320	R 140	R 69
RESORCINOL, 4-HEXYL-,	12	18			2						R	320		R 320	R 140	R 69

MOLECULAR FORMULA INDEX

NAME	C	H	N	O	P	S	Cl	F	I	Br	Prism	Grating	U.V.	N.M.R.	FLUOR.
ACRIDINE, 9-AMINO-, HYDROCHLORIDE, HYDRATE	13	10		2							R 26		R 26		R 3
AMINACRINE HYDROCHLORIDE BP	13	10		2							R 26		R 26		R 3
5-AMINOACRIDINE HYDROCHLORIDE	13	10		2							R 26		R 26		R 3
9-AMINOACRIDINE HYDROCHLORIDE	13	10		2							R 26		R 26		R 3
PHENYL SALICYLATE NF	13	10		3							R 510		R 510		R 112
SALICYLIC ACID, PHENYL ESTER	13	10		3							R 510		R 510		R 112
SALOL	13	10		3							R 510		R 510		R 112
SALICYLAMIDE, N-PHENYL-,	13	11		1	2						R 607		R 607		R 141
SALICYLANILIDE NF	13	11		1	2						R 607		R 607		R 141
ANALEXIN	13	14		2	1						R 512		R 512		R 113
ETHANOL, 1-PHENYL-2-/2-PYRIDYL-AMINO/-, HYDROCHLORIDE	13	14		2	1						R 512		R 512		R 113
PHENIRANIDOL	13	14		2	1						R 512		R 512		R 113
BENZOIC ACID, P-AMINO-, 2-DIETHYL-AMINOETHYL ESTER, HYDROCHLORIDE	13	20		2	2						R 553	R 161	R 553		R 121
BENZOIC ACID, P-AMINO-, 2-ISOBUTYL-AMINOETHYL ESTER, HYDROCHLORIDE	13	20		2	2						R 97		R 97		R 23
BUTETHAMINE HYDROCHLORIDE NF	13	20		2	2						R 97		R 97		R 23
MONOCAINE HYDROCHLORIDE	13	20		2	2						R 97		R 97		R 23
NOVOCAIN-WINTHROP	13	20		2	2						R 553	R 161	R 553		R 121
PROCAINE HYDROCHLORIDE USP BP	13	20		2	2						R 553	R 161	R 553		R 121
BENZOIC ACID, P-ACETAMIDO-, 2-DIMETHYLAMINOETHYL ESTER	13	20		2	4						R 180		R 180	R 88	R 38
DEANER	13	20		2	4						R 180		R 180	R 88	R 38
DEANOL ACETAMIDOBENZOATE	13	20		2	4						R 180		R 180	R 88	R 38
BENZAMIDE, P-AMINO-N-/2-DIETHYL-AMINOETHYL/-, HYDROCHLORIDE	13	21		3	1						R 552		R 552	R 247	R 120
PROCAINAMIDE HYDROCHLORIDE USP BP	13	21		3	1						R 552		R 552	R 247	R 120
PRONESTYL HYDROCHLORIDE	13	21		3	1						R 552		R 552	R 247	R 120
CHLOROTHEN CITRATE NF	14	18		1	3						R 141		R 141		R 27
PYRIDINE, 2-/5-CHLORO-2-THENYL/-2-DIMETHYLAMINOETHYL/AMINO/-, CITRATE	14	18		1	3						R 141		R 141		R 27
TAGATHEN	14	18		1	3						R 141		R 141		R 27
HISTADYL	14	19		3	1						R 402		R 402	R 175	R 89
METHAPYRILENE HYDROCHLORIDE NF	14	19		3	1						R 402		R 402	R 175	R 89
PYRIDINE, 2-/2-DIMETHYLAMINO-ETHYL/-2-THENYLAMINO/-, HYDROCHLORIDE	14	19		3	1						R 402		R 402	R 175	R 89
BENZOIC ACID, 2-METHYL-2-PROPYL-AMINOPROPYL ESTER, HYDROCHLORIDE	14	21		1	2						R 386		R 386	R 168	R 85
MEPRYLCAINE HYDROCHLORIDE NF	14	21		1	2						R 386		R 386	R 168	R 85
ORACAINE HYDROCHLORIDE	14	21		1	2						R 386		R 386	R 168	R 85
AMYLIN HYDROCHLORIDE	14	22		2	2						R 438		R 438		R 97
BENZOIC ACID, P-AMINO-, 2-PENTYL-AMINOETHYL ESTER, HYDROCHLORIDE	14	22		2	2						R 438		R 438		R 97
NAEPINE HYDROCHLORIDE NF	14	22		2	2						R 438		R 438		R 97
PRIMAQUINE PHOSPHATE USP BP	15	21		3	1						R 549		R 549		R 119
QUINOLINE, 8-/4-AMINO-1-METHYL-BUTYL/AMINO/-6-METHOXY-, PHOSPHATE	15	21		3	1						R 549		R 549		R 119
ESERINE SALICYLATE	15	21		3	2						R 514		R 514	R 233	R 114
PHYSOSTIGMINE SALICYLATE USP BP	15	21		3	2						R 514		R 514	R 233	R 114
ASTEROL DIHYDROCHLORIDE	15	23		3	1	1					R 193		R 193	R 95	R 42
BENZOTHAZOLE, 6-/2-DIETHYLAMINO-ETHOXY/-2-DIMETHYLAMINO-, DIHYDROCHLORIDE	15	23		3	1	1					R 193		R 193	R 95	R 42
DIAZATHAZOLE DIHYDROCHLORIDE	15	23		3	1	1					R 193		R 193	R 95	R 42
BENZOIC ACID, P-BUTYLAMINO-, 2-DIMETHYLAMINOETHYL ESTER	15	24		2	2						R 673	R 162	R 673		R 148
PONTOCAINE HYDROCHLORIDE	15	24		2	2						R 673	R 162	R 673		R 148
TETRACAINE HYDROCHLORIDE USP	15	24		2	2						R 673	R 162	R 673		R 148