レーザー資料

色素レーザー用有機化合物総覧 V

前田 三男*

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Index of Organic Compounds for Dye Lasers V

Mitsuo MAEDA*

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これまで4回にわたって(1回目, レーザー研究, 8巻4号 p.694~712; 2回目, 8巻5号 p.803~825; 3回目, 8巻6号 p.958~982; 9巻1号 p.85~103), 色素レーザー用有機化合物総覧をまとめてきた。この一覧表では整理の都合上, 化学構造式に従って配列を行なってきたため, 一般の利用者にとっては目的とする色素を探し出しにくい面があった。その不便を補う意味での次の三種類の索引を設けた。

索引1 化合物の化学構造による分類と色素番号および表の番号

化合物は Table I に従い, I. 色素, II. 芳香族化合物, III. 複素環化合物の三つに大別し, さらに細目についての分類とそれに対する色素番号を索引1にまとめた。カッコの中の数字は掲載されている表の番号である。

索引2 発振波長域と色素番号

この索引は大略の波長域から, そこに発振域がある色素を見出すためのもので, 色素レーザ

ーで発振可能な波長域を30に分割し(300~800 nm では25nm おき, 800~1300nm では50nm おき), その区間内に発振波長域がある色素の番号を示した。その際, 一覧表に記された各色素の発振波長域のうち最も広い範囲について, 区域間に発振波長が一部でも含まれておれば加えた。*印のついた色素はその区域内でcw 発振が可能なものである。

Fig. 8 は, 主なグループに属する化合物の発振波長を, グループ毎にプロットしたものである。この時の発振波長は, 各色素の最大可変域の中心波長をとった。

索引3 化合物名と色素番号

一覧表に記されたすべての化合物名, 慣用名, 略号, 商品名などにより, 色素番号を検索するためのもので, アルファベット順に配列した。

*九州大学工学部電気工学科 (〒812 福岡市東区箱崎)

*Department of Electrical Engineering, Faculty of Engineering, Kyushu University, Hakozaki, Higashi-ku, Fukuoka 812.

Index 1. Classification of chemical structures of laser dyes and dye number (#M). Numbers in the parentheses show the table number.

Class		Dye No.	(Table No.)
I. Dyes			
1) Cyanine dyes	(1) Carbocyanine	#M1-#M9	(III-1)
	(2) Dicarbo-cyanine	#M10-#M28	(III-3)
	(3) Tricarbo-cyanine	#M29-#M65	(III-5)
	(4) Tetracarbo-cyanine	#M66-#M68	(III-7)
	(5) Pentacarbo-cyanine	#M69-#M73	(III-9)
2) Merocyanine dyes		#M74-#M78	(IV)
3) Phthalocyanine dyes		#M79-#M83	(V)
4) Xanthene dyes	(1) Pyronine	#M84-#M86	(VI-1)
	(2) Rhodamine	#M87-#M111	(VI-1)
	(3) Fluorescein	#M112-#M120	(VI-1)
	(4) Others	#M121-#M122	(VI-1)
5) Triarylmethane dyes		#M123-#M127	(VII)
6) Acridine dyes		#M128-#M134	(VIII)
7) Azine dyes	(1) Oxazine	#M135-#M144	(IX)
	(2) Thiazine	#M145-#M148	(IX)
	(3) Diazine	#M149	(IX)
8) Chlorophylls		#M150-#M154	(X)
9) Miscellaneous dyes		#M155-#M167	(XI)
II. Aromatic compounds			
1) Condensed ring compounds	(1) Naphthalene	#M168-#M170	(XII-1)
	(2) Anthracene	#M171-#M194	(XII-1)
	(3) Pyrene	#M198-#M201	(XII-1)
	(4) Perylene	#M202-#M204	(XII-1)
	(5) Others	#M195-#M197, #M205	(XII-1)
2) p-Origophenylenes	(1) p-Terphenyl	#M206-#M208	(XIV)
	(2) p-Quaterphenyl	#M209-#M212	(XIV)
	(3) Others	#M213-#M215	(XIV)
3) Conjugated diene compounds	(1) Stilbene	#M216-#M241	(XV-1)
	(2) Distyryl benzene	#M242-#M261	(XV-1)
	(3) Phehyl butadiene	#M269-#M270	(XV-1)
	(4) Others	#M261-#M268	(XV-1)
4) Other aromatic compounds	(1) Benzene derivatives	#M271-#M272	(XVI)
	(2) Miscellaneous compounds	#M273-#M276	(XVI)

Class	Dye No.	(Table No.)
III. Heterocyclic compounds		
1) Coumarin derivatives (1) Coumarin	#M277-#M374, #M542-#M546	(XVII-1) (XXVI)
(2) Azacoumarin	#M375-#M380	(XVII-1)
2) Quinolone derivatives (1) Quinolone(2)	#M381-#M399	(XVIII-1)
(2) Azaquinolone(2)	#M400-#M410	(XVIII-1)
3) Oxazole derivatives (1) Oxazole	#M411-#M425	(XIX-1)
(2) Bisoxazole	#M426-#M434	(XIX-1)
(3) Benzoxazoles	#M435-#M438	(XIX-1)
4) Oxadiazole derivatives	#M439-#M471	(XX-1)
5) Furan & Benzofuran derivatives	#M472-#M473	(XXI)
6) Pyrazoline derivatives	#M474-#M477	(XXII)
7) Phthalimide derivatives (1) Phthalimide	#M478-#M484	(XXIII)
(2) Naphthalimide	#M485-#M486	(XXIII)
8) Pteridine derivatives	#M487-#M490	(XXIV)
9) Heterocyclic salts (1) Pyrylium salt	#M491-#M522	(XXV-1)
(2) Thiapyrylium salt	#M524-#M527	(XXV-1)
(3) Phosphorine	#M528-#M531	(XXV-1)
(4) Pyridine	#M534-#M536	(XXV-1)
(5) Others	#M523, #M532, #M533	(XXV-1)
10) Other heterocyclic compounds	#M537-#M541	(XXVI)

Index 2. Tunable range and dye number (#M). All the dye numbers whose tunable wavelengths are included in the given range are shown. The widest tunable range recorded in the table is taken. * shows that CW operation is possible.

300-325nm	#M206, 208.
325-350nm	#M206, 208, 209, 211, 435, 439, 440, 441, 442, 448, 449.
350-375nm	#M206, 208, 209, 210, 211, 212*, 269, 411, 418, 430, 439, 443, 444, 445, 446, 450, 451, 455, 456, #M457, 459, 462, 463, 464, 465, 467, 472.
375-400nm	#M209, 210, 212*, 216, 217, 218*, 221, 222, 223, 224, 229, 269, 271, 272, 273, 274, 281, 283, 400, #M405, 408, 411, 413, 416, 417, 418, 426, 430, 432, 438, 439, 455, 456, 457, 458, 459, 460, 461, #M463, 465, 466, 467, 468, 469, 470, 472, 488, 534.
400-425nm	#M133, 171, 172, 173, 174, 192, 193, 194, 201, 202, 207, 210, 212*, 213, 215, 217, 218*, 219, 225, #M226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237*, 238, 239, 240, 241, 242, 243, 244, #M245, 246, 247, 248, 249, 252, 253, 254, 255, 257, 258, 259, 260*, 262, 263, 264, 266, 267, 268, #M270, 271, 272, 278, 280, 281, 283, 284, 286, 292, 294, 296, 300, 301, 311*, 313, 315, 362, 364, #M365, 372, 378, 381, 383, 384, 386*, 387, 388, 389, 390, 392, 394, 396, 397, 401, 406, 412, 413, #M416, 417, 419, 420, 421, 423, 426, 427, 432, 434, 436, 438, 447, 452, 453, 454, 455, 458, 465, #M468, 469, 471, 532, 534, 535, 536.

425-450nm	#M129, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 187, 188, 189, 190, 191, 199, 200, #M201, 202, 205, 207, 214, 220, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237* #M238, 239, 240, 241, 242, 243, 247, 249, 250, 251, 252, 253, 254, 255, 258, 260* 262, 263, 264, #M265, 266, 267, 268, 270, 278, 280, 281, 283, 284, 285, 286, 291, 292, 294, 297, 299, 301, 311* #M314, 316, 317, 318, 320* 328, 330* 360, 361, 363, 366, 368, 372* 375, 377, 378, 381, 382, 386* #M387, 397, 403, 407, 412, 416, 422, 423, 425, 426, 427, 428, 430, 431, 433, 436, 437, 452, 471, #M476, 491, 505, 523.
450-475nm	#M129, 169, 170, 186, 188, 200, 225, 226, 227, 228, 230, 231, 232, 233, 237* 260* 263, 264, 265, #M270, 278, 280, 281* 283, 284, 285, 286, 288, 290, 291, 292, 294, 296, 298, 299, 300, 301, 303, #M304, 306, 307, 309, 310* 311* 312, 319, 320* 321, 322, 323, 324, 326, 328, 329, 330* 331, 333, #M341, 343, 351, 352* 367, 369, 372* 381, 385, 386* 399, 415, 426, 427, 428, 431, 437, 476, 477, #M486, 487, 492, 501, 543, 544, 545.
475-500nm	#M129, 131, 168, 197, 228, 237* 256, 260* 261, 265, 277, 279, 281* 283, 284, 286, 290, 292, 294, #M295, 301, 302, 303, 306, 307, 310* 311* 312, 319, 320* 321, 327, 329, 330* 333, 336* 337* 338, #M339, 340, 342, 343, 347, 348, 351, 352* 354, 357, 358, 372* 379, 380, 386* 393, 398, 399, 415, #M424, 473, 478, 480, 486, 492, 493, 494, 499, 501, 506, 513, 517, 537, 542.
500-525nm	#M105, 112* 128, 131, 197, 203, 204, 265, 279, 281, 282, 283, 290, 294, 303, 307, 312, 319, 321, #M327, 330* 332, 333, 334* 336* 337* 344, 345, 346, 349, 351, 352* 353, 355, 356, 357, 358, 359, #M370, 371, 380, 399, 414, 415, 473, 474, 475, 478, 479, 480, 486, 489, 490, 495, 496, 497, 502, #M512, 514, 520, 524, 530, 531, 537, 538, 539, 540, 541, 546.
525-550nm	#M2, 88* 103, 112* 114, 118, 119, 120, 130, 131, 195, 196, 197, 198, 275, 276, 281, 319, 327, #M334* 335, 336* 337* 345, 350, 351, 353, 358, 373, 374, 415, 480, 481, 482, 485, 486, 503, 504, #M510, 511, 515, 516, 518, 528, 529.
550-575nm	#M86, 87, 88* 90, 94* 95, 97* 100, 102, 112* 113, 114* 115, 117, 120, 121, 130, 159, 161, 195, #M196, 198, 199, 200, 276, 281, 319, 327, 334* 336* 345, 353, 481, 485, 486, 500, 507, 511, 533.
575-600nm	#M84, 85, 86, 87, 88* 89, 90, 92, 93, 94* 95, 96, 97* 100, 101, 103, 104, 106, 108, 109, 110, #M111, 112* 114* 116* 121, 132, 141, 195, 196, 199, 276, 334* 353, 483, 484, 486.
600-625nm	#M1, 3, 17, 78, 84, 85, 86, 87, 88* 89, 90* 91, 92* 93, 94* 95, 97* 98, 99, 107, 109* 110* 132, #M140, 141, 142, 149, 158, 160, 162, 276, 483, 486, 508, 521, 522, 525, 526, 527.
625-650nm	#M1, 17, 78, 85, 90* 92* 93, 94* 98, 109* 110* 135, 137, 140, 141, 150, 156, 157, 509, 519.
650-675nm	#M10, 17, 78, 85, 90* 92* 94* 109* 110* 134, 137, 138, 140* 141, 143, 151, 156, 157, 166, 498.
675-700nm	#M10, 17, 78, 80, 81, 82, 83, 90* 92* 109* 110* 122, 134, 136* 138, 139* 140* 141, 143, 146, #M153, 154, 166, 167.
700-725nm	#M4, 10* 11, 14, 15, 16, 18, 41, 43, 44, 75, 78, 82, 109* 122, 134, 136* 138, 139* 140, 141, #M143, 153, 154, 155, 166, 167.
725-750nm	#M5, 6, 10* 11, 13, 18, 20, 21, 24, 38, 41, 43* 44, 75, 82, 134, 136* 139* 141, 144* 153, 154, #M167.
750-775nm	#M4, 6, 10* 11, 14, 15, 20, 22, 24, 30, 39, 41, 43* 44* 64, 79, 80, 82, 123, 124, 127, 134, #M136* 139* 144* 163, 167.
775-800nm	#M12, 14, 15, 20, 23, 28, 29, 30, 40, 43* 44* 45, 46, 64, 74, 76, 136* 139* 144* 152, 164, 165.
800-850nm	#M6, 20, 22, 28, 29* 32, 34, 35, 36, 37, 40, 42, 43* 44* 46* 48, 49, 63* 64, 65, 76, 125, 126, #M136* 144* 145, 146, 147, 148, 152, 165.
850-900nm	#M20, 25, 29* 31, 32, 33, 34, 35, 36, 37, 42, 43* 44* 46* 47* 49, 50, 52, 53* 54, 56* 57, 58* #M59, 60, 63* 79, 144* 145.
900-950nm	#M20, 25, 32, 35, 46* 47* 49, 50, 53* 55, 56* 58* 60* 63, 66* 67, 77.
950-1000nm	#M20, 35, 47* 49, 50, 51, 53* 56* 58* 60* 63, 66*

1000-1050nm #M20, 51, 53, 56, 58, 60, 66, 68, 71.

1050-1100nm #M51, 58, 66, 68, 69, 71, 72, 73.

1100-1150nm #M51, 68, 69, 70, 71, 72, 73.

1150-1200nm #M69, 70, 71, 73.

1200-1250nm #M70, 73.

1250-1300nm #M70.

Fig. 8. Distribution of lasing wavelengths in each class of dyes. The lasing wavelength in this figure means the central wavelength of the widest tunable region in each dye.

Index 3. Chemical name and dye number (#M). All of the chemical names are arranged in alphabetical order.

A

8-Acetamidopyrene-1,3,6-trisulfonic acid (sodium salt)	#M200
7-Acetoxy-5-allyl-4,8-dimethylcoumarin	#M303
7-Acetoxy-6-allyl-4,8-dimethylcoumarin	#M305
7-Acetoxy-4-amy-1-3-phenylcoumarin	#M307
7-Acetoxy-4-methylcoumarin	#M301
7-Acetoxy-4-methyl-3-(α -naphthyl) coumarin.	#M304
10-(4-Acetoxyphenyl)-9-acetoxanthracene	#M193
7-Acetoxy-3-phenylcoumarin	#M302
7-Acetoxy-3-phenylcoumarin	#M306
3-Acetylamino-6-amino-N-methylphthalimide	#M482
6-Acetyl-5-hydroxy-4-methylcoumarin	#M277
9-Acetyl-1,2,4,5-3H,6H,10H-tetrahydro-1-benzopyrano [9,9a,1-g]quinolizin-10-one	#M355
3-Acetylmethyliferone	#M543
AC2F #M379; AC3F #M380	
Acid red	#M92
Acridine red #M84; Acridine red 3B #M84	
Acridine yellow #M128;	
9(10H) Acridone	#M133
Acriflavine	#M131
Amidopyrylium dye 140	#M155
Amidopyrylium dye 141	#M156
9-Aminoacridine hydrochloride	#M129
7-Amino-8-azaquinolone-2	#M402
Aminobenzoic acid	#M272
7-Aminocoumarin	#M309
7-Amino-3,4-dimethyl-8-azacoumarin	#M376
2-Amino-6,7-dimethyl-3,4-dihydropteridine-4-one	#M487
7-Amino-1,4-dimethylquinolone-2	#M389
7-Amino-4,8-dimethylquinolone-2	#M390
7-Amino-3-ethyl-4-methylcoumarin	#M314
3-Aminofluoranthene	#M196
Amino G acid	#M170
7-Amino-4-methoxy-8-azaquinolone-2	#M404
7-Amino-4-methoxycoumarin	#M313
7-Amino-4-methyl-8-azaquinolone-2	#M405
7-Amino-4-methylcoumarin	#M311
3-Amino-N-methylphthalimide	#M479
4-Amino-N-methylphthalimide	#M480
7-Amino-1-methylquinolone-2	#M388
7-Amino-4-methylquinolone-2	#M384
7-Amino-1,3-naphthalenedisulfonic acid	#M170
4-Amino-1,8-naphthalimide	#M485
2-Amino-7-nitrofluorene	#M195
7-Amino-3-phenylcoumarin	#M310
3-Aminophthalimide	#M478
7-Aminoquinolone-2	#M383
4-Amino-3-sulfo-N-p-tolyl-naphthalimide sodium salt	#M486
7-Amino-4-trifluoromethyl-8-azaquinolone-2	#M403
7-Amino-4-trifluoromethylcoumarin	#M312
7-Amino-4-trifluoromethylquinolone-2	#M385
Anthracene	#M171

2-[p-[2-(9-Anthryl)vinyl]phenyl]-5-phenyloxazole	#M424
Anhydro-11-(4-ethoxycarbonyl-1-piperazinyl)-10,12-ethylene-3,3,3',3'-tetramethyl-1,1'-di(3-sulfo-propyl)-4,5,4',5'-dibenzo-indotricarbocyanine hydroxide, triethylammonium salt	#M63
AQ1F	#M407
8-Aza-4-trifluoromethyl(1,4-dimethylpiperidino)[3,2-g] coumarin	#M379
8-Aza-4-trifluoromethyl(1,2,4-trimethylpiperidino)[3,2-g] coumarin	#M380
Azulene	#M274

B

Bacteriochlorophyll a	#M152
Baradiazinium salt	#M533
BBD	#M465
BBE	#M217
BBO	#M419
BBOQ	#M210
BBOT	#M437
BBQ	#M210
3-(2-Benzimidazolyl)-7-diethylaminocoumarin	#M336
3-(2-Benzothiazolyl)-7-diethylaminocoumarin	#M334
3-(2-Benzothiazolyl) umbelliferone	#M546
3-Benzyl-4-methylumbelliferone	#M288
BiBuQ	#M210
2-(4-Biphenyl) indene	#M273
1-(4-Biphenyl)-2-(1-naphthyl) ethylene	#M219
1-(4-Biphenyl)-2-(2-naphthyl) ethylene	#M222
2-(1-Biphenyl)-5-(1-naphthyl)-1,3,4-oxadiazole	#M466
2-(1-Biphenyl)-5-(2-naphthyl)-1,3,4-oxadiazole	#M467
3-Biphenyl-7-methoxycoumarin	#M297
2-(4-Biphenyl)-5-(1-naphthyl)oxazole	#M420
2-(4-Biphenyl)-5-phenylbenzoxazole	#M438
5-(4-Biphenyl)-2-[p-(4-phenyl-1,3-butadienyl) phenyl]oxazole	#M425
2-(4-Biphenyl)-5-phenyloxazole	#M418
2-Biphenyl-5-styryl-1,3,4-oxadiazole	#M470
2-(4-Biphenyl)-5-(p-styrylphenyl)-1,3,4-oxadiazole	#M458
4,4'-Bis[[4-anilino-6-(2-hydroxyethylamino)-1,3,5-triazin-2-yl] amino]-2,2'-stilbenedisulfonic acid	#M235
4,4'-Bis[(4-anilino-6-methoxy-1,3,5-triazin-2-yl)amino]-2,2'-stilbenedisulfonic acid	#M234
5,5'-Bis[4-(2-benzothiazolyl)-2-thiazolin-2-yl]-1,3,1',3'-tetraethyl-benzimidazolocarbocyanine perchlorate	#M8
2,5-Bis(4-biphenyl)-1,3,4-oxadiazole	#M465
2,5-Bis(4-biphenyl)oxazole	#M419
1,4-Bis[5-(4-biphenyl)-2-oxazolyl]benzene	#M430
1,4-Bis[4-[5-(4-biphenyl)-2-oxazolyl]styryl] benzene	#M433
4,4'-Bis[[6-bis(2-hydroxyethyl)amino-4-(x-sulfoanilino)-1,3,5-triazin-2-yl] amino]-2,2'-stilbene-disulfonic acid	#M237
4,4'-Bis[[6-bis(2-hydroxypropyl)amino-4-(x-sulfoanilino)-1,3,5-triazin-2-yl] amino]-2,2'-stilbene-	

disulfonic acid	#M236
1,7-Bis(n-butoxycarbonyl) perylene	#M204
1,4-Bis[2-(4-butoxy-5-phenyloxazolyl)]benzene	#M428
2,5-Bis(5-tert-butyl-2-benzoxazolyl)thiophene	#M437
4,4''-Bis-butyloctyloxy-p-quaterphenyl	#M210
N,N'-Bis(butyl)rhodamine	#M98
2,5-Bis(4-chlorophenyl)-1,3,4-oxadiazole	#M450
2,4-Bis(p-chlorophenyl)-6-phenylpyrylium fluoborate	#M495
2,6-Bis(p-chlorophenyl)-4-phenylpyrylium fluoborate	#M496
4,4'-Bis(x,y-dichlorostyryl) biphenyl	#M258
4,4'-Bis(x,y-dicyanostyryl) biphenyl	#M259
1,4-Bis(x,y-dicyanostyryl)-2-chlorobenzene	#M257
Bis(1,1-Dimethoxy-2,6-diphenylphosphorin-4-yl) methane	#M530
2,5-Bis(p-diethylaminophenyl)-1,3,4-oxadiazole	#M452
2,6-Bis(dimethylamino)pyridine hydroperchlorate	#M536
1,4-Bis(p-dimethylaminostyryl) benzene	#M256
4,4'-Bis[[4-(x,y-disulfoanilino)-6-ethylamino-1,3,5- triazin-2-yl] amino]-2,2'-stilbenedisulfonic acid	#M241
4,4'-Bis[[4-(x,y-disulfoanilino)-6-(2-hydroxyethyl) methylamino-1,3,5-triazin-2-yl] amino]-2,2'- stilbenedisulfonic acid	#M240
4,4'-Bis[[4-(x,y-disulfoanilino)-6-morpholino-1,3,5- triazin-2-yl] amino]-2,2'- stilbenedisulfonic acid	#M239
2,5-Bis(2-fluorophenyl)-1,3,4-oxadiazole	#M448
2,5-Bis(3-fluorophenyl)-1,3,4-oxadiazole	#M449
4,4'-Bis[[6-(2-hydroxyethyl)methylamino-4-(x- sulfoanilino)-1,3,5-triazin-2-yl] amino]-2,2'- stilbenedisulfonic acid	#M238
2,5-Bis(p-methoxyphenyl)-1,3,4-oxadiazole	#M451
2,6-Bis(p-methoxyphenyl)-4-phenylpyrylium fluoborate	#M500
2,6-Bis(p-methoxybenzyl)-4-phenylthiapyrylium fluoborate	#M526
2,6-Bis(methylamino)pyridine hydroperchlorate	#M535
1,2-Bis(5-methyl-2-benzoxazolyl)ethylene	#M436
N,N'-Bis(methyl-butyl) rhodamine	#M99
1,4-Bis(4-methyl-5-phenyl-2-oxazolyl)benzene	#M427
1,4-Bis(2-methylstyryl) benzene	#M243
Bis MSB	#M243
2,5-Bis(1-naphthyl)-1,3,4-oxadiazole	#M468
1,4-Bis(2-naphthyl) styrylbenzene	#M253
1,4-Bis[5-(1-naphthyl)-2-oxazolyl]benzene	#M431
N,N'-Bis(pentamethylene rhodamine	#M96
p-Bis(5-phenyl-1,3,4-oxadiazol-2-yl)benzene	#M471
p-Bis(5-phenyl-2-oxazolyl)benzene	#M426
1,2-Bis(5-phenyl-2-oxazolyl)ethylene	#M434
4,4'-Bis(4-phenyl-2H-triazol-2-yl)-2,2'-stilbenedi- sulfonic acid dipotasium salt	#M225
7-Bis(4-sulfobutyl)amino-4-methylcoumarin disodium salt	#M340
4,4'-Bis[[2-sulfo-4-(6,8-disulfo-2H-naphtho[2,1-d] triazol-2-yl)]styryl] benzene	#M261
1,4-Bis(x-sulfostyryl) benzene	#M254

4,4'-Bis(2-sulfostryryl) biphenyl (disodium salt)	#M260
1,4-Bis(x-sulfostryryl)-2-chlorobenzene	#M255
2,6-Bis(2-thienyl)-4-phenylpyrylium Fluoborate	#M511
1,4-Bis[2-(5-p-tolyloxazol)]benzene	#M432
Blankophor BP #M263; Blankophor R #M229	
Blatt grün	#M165
Blue 1 #M311; Blue 2 #M320; Blue 3 #M330; Blue 4 #M329; Blue 5 #M399; Blue 6 #M352;	
Blue 7 #M333	
BM-Terphenyl	#M208
BOPOB	#M430
Boratriazinium salt	#M532
BPBD	#M456
4BPI	#M273
BPO	#M418
Brilliant green	#M123
Brilliant sulfoflavine	#M486
4-Bromo- α NPD	#M461
2-(4-Bromophenyl)-5-phenyl-1,3,4-oxadiazole	#M443
5-n-Butoxy-6-methyl-2-[3-(4-chloropyrazol-1-yl)-2H- 2-oxo-1-benzopyran-7-yl]benzotriazolium inner salt	#M368
3-n-Butyl-4-methylumbelliferone	#M287
Butyl PBD	#M456
2-(4-tert-Butylphenyl)-5-(4-biphenyl)-1,3,4- oxadiazole	#M456
4-Butyryl-2,6-diphenylpyrylium fluoborate	#M504
7-Butyryloxy-4-methylcoumarin	#M308

C

Calcein blue	#M292
Carbazine 122 #M134; Carbazine 124 #M384; Carbazine 165 #M386; Carbazine 720 #M134	
4-Carbethoxy-2,6-bis(p-methoxybenzyl)pyrylium fluoborate	#M509
4-Carbethoxy-2,6-diphenylpyrylium fluoborate	#M503
Carbopyronin 149	#M157
Carbostyryl 124 #M384; Carbostyryl 165 #M386	
4-Carboxy-2,6-bis(p-methoxybenzyl)pyrylium fluoborate	#M508
2-Carboxy-4,6-diphenylpyrylium fluoborate	#M506
4-Carboxy-2,6-diphenylpyrylium fluoborate	#M502
6-Carboxyfluorescein	#M118
(3-Carboxy-2-hydroxy-1-naphthyl) methyleneiminodi- acetic acid	#M168
9-Carboxy-1,2,4,5-3H,6H,10H-tetrahydro-1-benzopyrano [9,9a,1-g]quinolizin-10-one	#M357
C1F #M333; C2F #M327; C3F #M312; C4F #M344; C5F #M349; C6F #M353; C7F #M282; C8F #M345;	
C9F #M350	
C1H #M329; C2H #M324; C3H #M309; C4H #M342; C6H #M351; C8H #M343	
Chromogen red B	#M121
Chloro-aluminum phthalocyanine	#M82
9-Chloroanthracene	#M172

3-(5-Chloro-2-benzothiazolyl)-7-diethylamino-coumarin	#M335
7-(3-Chloro-5-diethylamino-triazin-2-yl)amino-3-phenylcoumarin	#M341
2-Chloro-9,10-diphenyl anthracene	#M176
2-Chloro-9,10-di-(n-propyl) anthracene	#M191
2'-Chloro-1,4-distyrylbenzene	#M244
4'-Chloro-1,4-distyrylbenzene	#M245
1-[7-(4-Chloro-3-methyl-pyrazol-1-yl)-2H-2-oxo-1-benzopyran-3-yl]-4-methyl-1,2,4-triazolium methylsulfate	#M367
2-(p-Chlorophenyl)-5-(p-dimethylaminophenyl)-1,3,4-oxadiazole	#M453
2-(p-Chlorophenyl)-4,6-diphenylpyrylium fluoborate	#M493
4-(p-Chlorophenyl)-2,6-diphenylpyrylium fluoborate	#M494
1-m-Chlorophenyl-3-phenyl-2-pyrazoline	#M474
3-p-Chlorophenyl-5-phenyl-1-p-sulfophenyl-2-pyrazoline	#M475
Chlorophyll a	#M150; Chlorophyll b #M151
3-(4-Chloropyrazol-1-yl) umbelliferone	#M544
3-p-Chlorostyryl-1,5-diphenyl-2-pyrazoline	#M477
Compound 857-11-c5	#M396
Compound 857-109	#M397
Coronene	#M205
Coumarin 1	#M330; Coumarin 2 #M320;
Coumarin 4	#M281; Coumarin 6 #M334;
Coumarin 7	#M336; Coumarin 9 #M315;
Coumarin 10	#M310; Coumarin 14 #M325;
Coumarin 15	#M280; Coumarin 24 #M371;
Coumarin 30	#M337; Coumarin 34 #M335;
Coumarin 35	#M333; Coumarin 102 #M352;
Coumarin 106	#M354; Coumarin 120 #M311;
Coumarin 151	#M312; Coumarin 152 #M327;
Coumarin 153	#M353; Coumarin 175 #M316;
Coumarin 217	#M359; Coumarin 306 #M338;
Coumarin 307	#M321; Coumarin 311 #M326;
Coumarin 314	#M358; Coumarin 316 #M317;
Coumarin 334	#M355; Coumarin 337 #M356;
Coumarin 340	#M344; Coumarin 343 #M357;
Coumarin 355	#M346; Coumarin 360 #M318;
Coumarin 378	#M322; Coumarin 379 #M339;
Coumarin 380	#M323; Coumarin 381 #M340;
Coumarin 386	#M347; Coumarin 388 #M348;
Coumarin 440	#M311; Coumarin 445 #M372;
Coumarin 450	#M320; Coumarin 460 #M330;
Coumarin 478	#M354; Coumarin 480 #M352;
Coumarin 481	#M333; Coumarin 485 #M327;
Coumarin 490	#M312; Coumarin 500 #M319;
Coumarin 503	#M321; Coumarin 504 #M358;
Coumarin 515	#M337; Coumarin 519 #M357;
Coumarin 521	#M355; Coumarin 522 #M345;
Coumarin 523	#M356; Coumarin 527 #M373;
Coumarin 531	#M374; Coumarin 540A #M353
Cresyl violet(chloride, perchlorate, acetate, nitrate)	#M140

Cresyl violet 670	#M140
Cryptocyanine	#M6
3-Cyano-4-methylumbelliferone	#M283
9-Cyano-1,2,4,5-3H,6H,10H-tetrahydro-1-benzopyrano [9,9a,1-g]quinolizin-10-one	#M356
3-Cyanoumbelliferone	#M279
3,4-Cyclopentenoumbelliferone	#M289

D

DAMC	#M330
DaTTeC	#M66
DC45DTDC	#M14
DC67DTDC	#M15
DCM	#M78
DDI	#M20
DDTTC	#M35
Delft weiss BSW	#M230
DEODC	#M17
DEOTC	#M44
3,3'-Di(3-acetoxypropyl)-11-diphenylamino-10,12-ethylene-5,6,5',6'-dibenzo-thiatricarbocyanine perchlorate	#M60
Diacetylfluorescein	#M120
9,10-Diallylanthracene	#M187
3,3'-Diallyl-5,6,5',6'-tetramethoxy-thiadicarbocyanine iodide	#M12
3,6-Diamino-N-methylphthalimide	#M481
2,6-Diaminopyridine hydroperchlorate	#M534
9,10-Di-(o-anisyl) anthracene	#M190
9,10-Di-(p-anisyl) anthracene	#M189
Dibenzocyanine 45	#M35
N,N'-Di-benzyl rhodamine	#M103
1,2-Di-4-biphenyl-ethylene	#M217
4',5'-Dibromofluorescein	#M115
9,10-Di-(p-bromophenyl) anthracene	#M178
Dibutoxy POPOP	#M428
9,10-Di-(n-butyl) anthracene	#M188
N,N'-Di-butyl rhodamine	#M101
1,1'-Di-n-Butyl-4,4'-quinocarbocyanine iodide	#M7
4,4"-Dichlor-1,4-distyrylbenzene	#M246
9,10-Dichloroanthracene	#M182
5,5'-Dichloro-3,3'-diethyl-10,12-ethylene-11-(N-methylanilino)-thiatricarbocyanine iodide	#M55
5,5'-Dichloro-11-diphenylamino-3,3'-diethyl-10,12-ethylene-thiatricarbocyanine perchlorate	#M56
2',7'-Dichlorofluorescein	#M114
2-(2,4-Dichlorophenyl)-5-phenyl-1,3,4-oxadiazole	#M444
2-(3,4-Dichlorophenyl)-5-phenyl-1,3,4-oxadiazole	#M445
Dicyanine	#M4
4-Dicyanomethylene-2-methyl-6-p-dimethylaminostyryl-4H-pyran	#M78
1,1'-Diethyl-γ-acetoxy-2,2'-dicarbocyanine tetrafluoroborate	#M23
1,1'-Diethyl-13-acetoxy-2,2'-quinotetracarboxyanine perchlorate	#M68
3,3'-Diethyl-12-acetoxy-thiatetracarboxyanine perchlorate	#M66

7-Diethylaminocoumarin	#M329	3,3'-Diethyl-12-ethyl-thiatetracarbocyanine iodide	#M67
7-Diethylamino-1,4-dimethylquinolone-2	#M392	3,3'-Diethyl-11-methoxythiatricarbocyanine iodide	#M30
7-Diethylamino-3-ethyl-4-methylcoumarin	#M331	3,3'-Diethyl-9,11-neopentylene-thiatricarbocyanine iodide	#M52
7-Diethylamino-4-hydroxy-3-methylcoumarin	#M328	1,1'-Diethyl-γ-nitro-4,4'-quinodicarbocyanine tetrafluoroborate	#M28
7-Diethylamino-3-(1-methyl-2-benzimidazolyl) coumarin	#M337	3,3'-Diethyloxacarbocyanine iodide	#M2
7-Diethylamino-4-methylcoumarin	#M330	3,3'-Diethyloxadicarbocyanine iodide	#M17
7-Diethylamino-4-methylquinolone-2	#M387	3,3'-Diethyloxatricarbocyanine iodide	#M44
2-(7-Diethylamino-2H-2-oxo-1-benzopyran-3-yl)-1,3-dimethylbenzimidazolium chloride	#M332	1,1'-Diethyl-2,4'-quinocarbocyanine iodide	#M4
7-Diethylamino-4-trifluoromethylcoumarin	#M333	1,1'-Diethyl-4,4'-quinocarbocyanine iodide (bromide, chloride)	#M6
9,10-Dimethylanthracene	#M184	1,1'-Diethyl-2,2'-quinodicarbocyanine iodide	#M20
4-{2,5-Di[(3-ethyl-2-benzothiazolinyliene) ethylidene] cyclopentylidene}-1,2-diphenyl-3,5-pyrazolidine-dione	#M77	1,1'-Diethyl-4,4'-quinodicarbocyanine iodide	#M25
1,1'-Diethyl-11-bromo-2,2'-quinodicarbocyanine iodide	#M22	1,1'-Diethyl-2,2'-quinotricarbocyanine iodide	#M50
1,1'-Diethyl-11-bromo-4,4'-quinodicarbocyanine iodide	#M26	1,1'-Diethyl-4,4'-quinotricarbocyanine iodide	#M51
3,3'-Diethyl-10-chloro-4,5,4',5'-dibenzo-thiadibenzocycnine iodide (p-toluenesulfonate)	#M14	N,N'-Diethyl rhodamine	#M100
3,3'-Diethyl-10-chloro-5,6,5',6'-dibenzo-thiadibenzocyanine iodide	#M16	3,3'-Diethylselenatricarbocyanine iodide	#M42
3,3'-Diethyl-10-chloro-6,7,6',7'-dibenzo-thiadibenzocyanine iodide	#M15	3,3'-Diethyl-5,6,5',6'-tetramethoxy-thiatricarbocyanine iodide	#M34
1,1'-Diethyl-11-chloro-4,4'-quinodicarbocyanine iodide	#M27	3,3'-Diethyl-5,6,5',6'-tetramethyl-oxatricarbocyanine iodide	#M45
1,1'-Diethyl-γ-cyano-2,2'-dicarbocyanine tetrafluoroborate	#M24	3,3'-Diethylthiacarbocyanine iodide	#M1
3,3'-Diethyl-6,7,6',7'-dibenzo-11-methyl-thiatricarbocyanine iodide	#M37	3,3'-Diethylthiadibenzocyanine iodide(perchlorate)	#M10
3,3'-Diethyl-4,5,4',5'-dibenzo-thiatricarbocyanine iodide	#M35	3,3'-Diethylthiatricarbocyanine iodide(bromide)	#M29
3,3'-Diethyl-6,7,6',7'-dibenzo-thiatricarbocyanine iodide	#M36	5,7-Dihydroxy-4-methylcoumarin	#M295
3,3'-Diethyl-5,5'-dimethoxy-6,6'-bis(methyl-mercapto)-10-methyl-thiadibenzocyanine bromide	#M13	6,7-Dihydroxy-4-methylcoumarin	#M296
3,3'-Diethyl-6,6'-dimethoxy-thiadibenzocyanine iodide	#M11	2,7-Dihydroxy-4-methylquinoline	#M381
3,3'-Diethyl-5,5'-dimethoxy-thiatricarbocyanine iodide	#M32	1,1-Dimethoxy-2,6-diphenyl-4-p-methoxybenzyl phosphorin	#M529
3,3'-Diethyl-6,6'-dimethoxy-thiatricarbocyanine iodide	#M33	2,2"-Dimethoxy-1,4-distyrylbenzene	#M250
3,3'-Diethyl-5,5'-dimethyl-thiazolotricarbocyanine iodide	#M38	1,1-Dimethoxy-2,4,6-tris(p-tolyl) phosphorine	#M528
3,3'-Diethyl-9,11,15,17-dineopentylene-6,7,6',7'-dibenzo-thiapentacarbocyanine perchlorate	#M71	7-Dimethylaminocoumarin	#M324
3,3'-Diethyl-9,11,15,17-dineopentylene-5,6,5',6'-tetramethoxy-thiapentacarbocyanine perchlorate	#M70	11-Dimethylamino-3,3'-diethyl-10,12-ethylene-4,5,4',5'-dibenzo-thiatricarbocyanine perchlorate	#M57
3,3'-Diethyl-9,11,15,17-dineopentylene-5,6,5',6'-tetramethyl-selenapentacarbocyanine perchlorate	#M72	7-Dimethylamino-1,4-dimethyl-8-azaquinolone-2	#M406
3,3'-Diethyl-9,11,15,17-dineopentylene-thiapentacarbocyanine iodide(perchlorate)	#M69	7-Dimethylamino-3-ethoxycarbonylcoumarin	#M325
3,3'-Diethyl-10,12-ethylene-11-(N-methylanilino)-thiatricarbocyanine perchlorate	#M53	3-Dimethylamino-6-methylamino-N-methylphthalimide	#M483
3,3'-Diethyl-10,12-ethylene-11-morpholino-thiatricarbocyanine iodide	#M54	7-Dimethylamino-4-methyl-8-azacoumarin	#M377
		7-Dimethylamino-4-methylcoumarin	#M326
		7-Dimethylamino-1-methyl-4-methoxy-8-azaquinoline-2	#M408
		7-Dimethylamino-1-methyl-4-methoxyquinolone-2	#M394
		5-Dimethylamino-1-methylquinolone-2	#M395
		7-Dimethylamino-1-methylquinolone-2	#M391
		7-Dimethylamino-4-methylquinolone-2	#M386
		7-Dimethylamino-1-methyl-4-trifluoromethyl-8-azaquinolone-2	#M407
		7-Dimethylamino-1-methyl-4-trifluoromethyl-quinolone-2	#M393
		2-(p-Dimethylaminophenyl)-5-phenyl-1,3,4-oxadiazole	#M447
		7-Dimethylamino-4-trifluoromethylcoumarin	#M327
		9,10-Dimethylanthracene	#M183
		1,1'-Dimethyl-11-bromo-2,2'-quinodicarbocyanine iodide	#M21
		4,8-Dimethyl-7-hydroxycoumarin	#M290
		3,3'-Dimethyloxatricarbocyanine iodide	#M43

Dimethyl POPOP	#M427
1,1'-Dimethyl-4,4'-quinocarbocyanine iodide	#M5
2,2''-Dimethyl-p-terphenyl	#M208
5,8-Dimethyl-5,6,7,8-tetrahydro-8-azaquinolone-2	#M410
7-(3,5-Dimethyl-1H-1,2,4-triazol-1-yl)-3-(p-methoxyphenyl) coumarin	#M366
1,2-Di(1-naphthyl) ethylene	#M220
1,2-Di(2-naphthyl) ethylene	#M221
4,8-Dimethylumbelliferone	#M290
11-Diphenylamino-3,3'-diethyl-10,12-ethylene-4,5,4',5'-dibenzo-thiatricarbocyanine perchlorate	#M58
9,10-Diphenyl anthracene	#M175
1,4-Diphenylbutadiene	#M269
N,N'-Di-8-phenylethyl rhodamine	#M97
2,5-Diphenylfuran	#M472
1,3-Diphenylisobenzofuran	#M473
2,4-Diphenyl-6-(p-methoxybenzyl)thiapyrylium perchlorate	#M525
2,4-Diphenyl-6-methylpyrylium fluoborate	#M505
2,6-Diphenyl-4-methylpyrylium fluoborate	#M501
2,5-Diphenyl-1,3,4-oxadiazole	#M439
2,5-Diphenyloxazole	#M411
2,6-Diphenylpyrylium fluoborate	#M491
4,4'-Diphenyl stilbene	#M217
1,5-Diphenyl-3-styryl-2-pyrazoline	#M476
2,4-Diphenyl-6-styrylpyrylium fluoborate	#M507
2,6-Diphenylthiapyrylium perchlorate	#M524
3,3'-Diphenylthiatricarbocyanine iodide	#M31
9,10-Di-(n-propyl) anthracene	#M185
Disodiumfluorescein	#M112
1,4-Distyryl benzene	#M242
9,10-Di-(m-tolyl) anthracene	#M180
9,10-Di-(o-tolyl) anthracene	#M179
9,10-Di-(p-tolyl) anthracene	#M181
DMC	#M522
7D4MC	#M330
DMOTC	#M43
DMX	#M521
DNDTPC	#M71
DNP-1020 #M69; DNP-1030 #M70; DNP-1040 #M71	
DNSPC	#M72
DNTPC	#M69
DNXTPC	#M70
DOC	#M2
DODC	#M17
DOTC	#M43
DOTC	#M44
DPS	#M217
DSTC	#M42
DTC	#M1
DTCDCT	#M24
DTDC	#M10
DTNDCT	#M28
DTTC	#M29

E

Echtblau B	#M163
Eosin #M117; Eosin Y #M117	
Esculin	#M294
11-(4-Ethoxycarbonyl-1-piperazinyl)-3,3'-diethyl-10,12-ethylene-5,5'-diphenyl-oxatricarbocyanine perchlorate	#M62
11-(4-Ethoxycarbonylpiperidino)-3,3'-diethyl-10,12-ethylene-4,5,4',5'-dibenzo-thiatricarbocyanine perchlorate	#M59
3-Ethoxycarbonylumbelliferone	#M280
7-Ethoxy-3-phenylcoumarin	#M542
7-Ethylamino-4,6-dimethylcoumarin	#M320
7-Ethylamino-6-methyl-4-trifluoromethylcoumarin	#M321
3-Ethylaminopyrene-5,8,10-trisulfonic acid (sodium salt)	#M199
7-Ethylamino-4-trifluoromethylcoumarin	#M319
6-(3-Ethyl-2-benzothiazolylidene)-2,4-hexadienylidene thioindogenid	#M76
2-[3-(3-Ethyl-2-benzothiazolylidene) methyl]-4-[3-(3-ethyl-2-benzothiazolylidene) propenyl]-5,6-benzopyrylium iodide	#M64
4-[3-(3-Ethyl-2-benzothiazolylidene) propenyl]-2-[(3-ethyl-2-benzoxazolylidene) methyl]-5,6-benzopyrylium iodide	#M65
3-Ethyl-5-[6-(3-ethyl-2-benzothiazolylidene)-2,4-hexadienylidene] rhodanine	#M74
3'-Ethyl-10,12-ethylene-1,3,3-trimethyl-11-(1-pyrrolydiny)-indothiatricarbocyanine iodide	#M61
3-Ethyl-3'-methyl-thiathiazolinotricarbocyanine iodide	#M40
3-[7-(5-Ethyl-4-methyl-2H-1,2,3-triazol-2-yl)-2H-2-oxo-1-benzopyran-3-yl]-1-methyl-3H-1,3,4-triazolium methylsulfate	#M369
7-(4-Ethyl-5-methyl-2H-1,2,3-triazol-2-yl)-3-(1H-1,2,4-triazol-1-yl) coumarin	#M362
3-Ethyl-4-methylumbelliferone	#M286
N-Ethyl-4-trifluoromethyl-piperidino [3,2-g] coumarin	#M346

F

FBA 1 #M231; FBA 30 #M229; FBA 32 #M232;	
FBA 41 #M262; FBA 46 #M227; FBA 47 #M228;	
FBA 65 #M268; FBA 69 #M265; FBA 70 #M226;	
FBA 75 #M276; FBA 81 #M230; FBA 104 #M264;	
FBA 111 #M233; FBA 116 #M263; FBA 134 #M233	
Fluorescein(Na salt, K salt)	#M112
Fluorescein diacetate	#M120
Fluorescein isothiocyanate	#M119
Fluorol 555	#M276
Fluorol 7GA	#M276
2-Fluoro-αNPD	#M462
3-Fluoro-αNPD	#M463
2-(2-Fluorophenyl)-5-phenyl-1,3,4-oxadiazole	#M440
2-(3-Fluorophenyl)-5-phenyl-1,3,4-oxadiazole	#M441
2-(4-Fluorophenyl)-5-phenyl-1,3,4-oxadiazole	#M442
Furanopyrone derivative	#M537

G

Gallium phthalocyanine chloride #M83
6-Glucosyloxyumbelliferone #M294
Green 1 #M312; Green 2 #M351; Green 2.5 #M380;
Green 3 #M321; Green 4 #M358; Green 5 #M357;
Green 6 #M327; Green 7 #M345; Green 8 #M334;
Green 9 #M353; Green 10 #M276

H

HDITC #M47
Heliofor BDC #M267
Hexacyanine 2 #M18
Hexacyanine 3 #M46
Hexadibenzocyanine 3 #M47
2,3,6,7,10,11-Hexahydro-1H,5H,9H-quinolizine[1,9-gh]
cyclopenta[c] coumarin #M354
1,3,3,1',3',3'-Hexamethyl-4,5,4',5'-dibenzo-
indodicarbocyanine iodide #M19
1,3,3,1',3',3'-Hexamethyl-4,5,4',5'-dibenzo-
indotricarbocyanine perchlorate #M48
1,3,3,1',3',3'-Hexamethyl-6,7,6',7'-dibenzo-indotri-
carbocyanine perchlorate #M47
1,3,3,1',3',3'-Hexamethylindodicarbocyanine iodide #M3
1,3,3,1',3',3'-Hexamethylindodicarbocyanine iodide #M18
1,3,3,1',3',3'-Hexamethylindotricarbocyanine
iodide(perchlorate) #M46
HIC #M3
HIDC #M18
HITC #M46
7-Hydroxycoumarin #M278
7-Hydroxycoumarin-8-methyleneiminodiacetic acid #M291
7-Hydroxy-3,4-dimethyl-8-azaquinolone-2 #M401
7-Hydroxy-3,4-dimethylquinolone-2 #M382
7-(2-Hydroxyethylamino)-4-methylcoumarin #M318
2-(α -Hydroxyethyl)-9,10-diphenyl anthracene #M177
2-Hydroxy-4-methyl-7-aminoquinoline #M384
7-Hydroxy-4-methyl-8-azacoumarin #M375
7-Hydroxy-4-methyl-8-azaquinolone-2 #M400
7-Hydroxy-4-methylquinolone-2 #M381
8-Hydroxypylene-1,3,6-trisulfonic acid(sodium salt) #M198
7-Hydroxy-1,3,6-trimethyl-1,2,3,4-tetrahydro-
pteridine-2,4-dione #M488

I

IR-107 #M77; IR-109 #M54; IR-123 #M64;
IR-125 #M49; IR-132 #M60; IR-134 #M59;
IR-135 #M65; IR-136 #M61; IR-137 #M53;
IR-139 #M57; IR-140 #M56; IR-141 #M55;
IR-143 #M58; IR-144 #M63; IR-145 #M62;
IR-166 #M31
Isoquinoline red #M158

K

Kiton red 620 #M92; Kition red S #M92

L

Lachs #M275
LD390 #M408; LD423 #M397; LD425 #M378;
LD466 #M329; LD473 #M399; LD490 #M351;
LD690 #M166; LD700 #M167
Leukophor B #M232; Leukophor DC #M265
Lissamine rhodamine B-200 #M93
Lucigenin #M132

M

Magnesium phthalocyanine #M80
Merocyanine B #M76
Metal free phthalocyanine #M79
1-(7-Methoxy-2H-2-oxo-1-benzopyran-3-yl)-3-methyl-1H-
1,2,3-triazolium methylsulfate #M299
N-[4-(7-Methoxy-2H-2-oxo-1-benzopyran-3-yl)phenyl]-
trimethylammonium methylsulfate #M298
7-Methoxy-3-carbethoxycoumarin #M300
2'-Methoxy-1,4-distyrylbenzene #M247
3'-Methoxy-1,4-distyrylbenzene #M248
4'-Methoxy-1,4-distyrylbenzene #M249
4-Methoxy- α NPD #M460
6-Methoxy umbelliferone #M293
N-Methylacridinium perchlorate #M130
7-Methylamino-4,6-dimethylcoumarin #M315
9-Methylanthracene #M174
4-Methyl-7-bis(3-sulfopropyl)aminocoumarin disodium
salt #M339
Methyl DOTC #M43
Methylene blue #M146
Methylene green #M148
Methyl-1-[6-(3-ethyl-2-benzothiazolylidene)-2,4-
hexadienylidene] cyanoacetate #M75
4-Methyl-7-[N-methyl-N-(4-sulfobutyl)amino] coumarin
sodium salt #M338
3-Methyl- α NPD #M464
10-(4-Methylphenyl)-9-acetoxanthracene #M194
7-(4-Methyl-5-phenyl-2H-1,2,3-triazol-2-yl)-3-
phenylcoumarin #M361
7-(4-Methyl-5-phenyl-2H-1,2,3-triazol-2-yl)-3-
(1H-1,2,4-triazol-1-yl) coumarin #M363
Methyl pheophorbide a #M154
N-Methylpiperidino [3,2-g]coumarin #M343
4-Methyl-2(1H)-pyrrolidino[4,5-g]quinolone #M396
4-Methyl-7-(4-sulfobutyl) aminocoumarin
sodium salt #M323
4-Methyl-N-(4-sulfobutyl)-piperidino [3,2-g]
coumarin sodium salt #M348
4-Methyl-7-sulfomethylaminocoumarin sodium salt #M316
4-Methyl-7-(3-sulfopropyl) aminocoumarin sodium
salt #M322
4-Methyl-N-(3-sulfopropyl)-piperidino [3,2-g]
coumarin sodium salt #M347
Methyl-p-terphenylmethyl POPOP #M429
3-Methyl-1-(3-tolyl-2H-2-oxo-1-benzopyran-7-yl)-1H-1,2,

3-triazolium methylsulfate	#M370
1-Methyl-4-trifluoromethyl-7-methoxy-8-azaquinolone-2	#M409
N-Methyl-4-trifluoromethyl-piperidino [3,2-g] coumarin	#M345
N-Methyl-4-trifluoromethyl-piperidino [2,3-h] coumarin	#M350
4-Methylumbelliferone	#M281
4-Methylumbelliferone methyleneiminodiacetic acid	#M292
Monobromofluorescein	#M113
Morin	#M538
7-Morpholino-4-methyl-8-azacoumarin	#M378
4-MU	#M281

N

Naphthalene green	#M127
Naphthofluorescein 126	#M122
2-Naphthole-6,8-disulfonic acid dipotassium salt	#M169
2-(1-Naphthyl)-5-(4-bromophenyl)-1,3,4-oxadiazole	#M461
2-(1-Naphthyl)-5-(2-fluorophenyl)-1,3,4-oxadiazole	#M462
2-(1-Naphthyl)-5-(3-fluorophenyl)-1,3,4-oxadiazole	#M463
2-(1-Naphthyl)-5-(4-methoxyphenyl)-1,3,4-oxadiazole	#M460
1-(1-Naphthyl)-2-(2-naphthyl) ethylene	#M223
1-(2-Naphthyl)-2-phenylethylene	#M224
2-(1-Naphthyl)-5-phenyl-1,3,4-oxadiazole	#M459
2-(1-Naphthyl)-5-phenyloxazole	#M416
2-(1-Naphthyl)-5-styryl-1,3,4-oxadiazole	#M469
2-(1-Naphthyl)-5-(m-tolyl)-1,3,4-oxadiazole	#M464
2-[p-(2-(2-Naphthyl)vinyl)phenyl]-5-phenyloxazole	#M423
αNBD #M466; βNBD #M467	
αNBE #M219; βNBE #M222	
Nile blue A(perchlorate, nitrate)	#M139;
Nile blue 690	#M139; Nile blue A oxazone #M141
NK5 #M6; NK14 #M5; NK36 #M6; NK37 #M6; NK44 #M7;	
NK76 #M1; NK78 #M27; NK79 #M3; NK85 #M2;	
NK103 #M22; NK104 #M26; NK105 #M21; NK123 #M50;	
NK124 #M51; NK125 #M46; NK126 #M29; NK136 #M10;	
NK138 #M4; NK199 #M43; NK378 #M14; NK427 #M35;	
NK428 #M34; NK460 #M14; NK463 #M15; NK529 #M18;	
NK746 #M39; NK747 #M42; NK1129 #M11; NK1144 #M25;	
NK1161 #M68; NK1241 #M45; NK1456 #M20;	
NK1511 #M44; NK1533 #M17; NK1557 #M33;	
NK1558 #M32; NK1575 #M74; NK1583 #M75;	
NK1586 #M76; NK1666 #M29; NK1748 #M66;	
NK1818 #M40; NK1887 #M36; NK2184 #M69;	
NK2545 #M69	
αNND	#M468
αNNE #M220; βNNE #M221	
αNOPON	#M431
αNPD	#M459
αNPO	#M416

O

Orange 1	#M94
Oxazine 1 #M136; Oxazine 4 #M137;	
Oxazine 9 #M140; Oxazine 118 #M135;	
Oxazine 170 #M138; Oxazine 720 #M138;	
Oxazine 725 #M136; Oxazine 750 #M144	

P

P386	#M210
PBBO	#M438
PBD	#M455
PBE	#M216
PBO	#M417
PDPDP	#M471
Pentacarbocyanine derivative	#M73
2',3,4',5,7-Pentahydroxyflavone	#M538
1,6,6',7,8-Pentamethyl-4-trifluoromethyl-2(1H)-pyrrolidino[4,5-g]quinolone	#M399
Perylene	#M202
Phenoxasone 9	#M141
10-Phenyl-9-acetoxanthracene	#M192
9-Phenylanthracene	#M173
2-Phenylbenzoxazole	#M435
2-Phenyl-5-(4-biphenyl)-1,3,4-oxadiazole	#M455
2-Phenyl-5-(4-biphenyl)oxazole	#M417
2-Phenyl-5-(4-difluoromethylsulfonylphenyl)oxazole	#M412
p-Phenylene-4,4'-bistetraphenylimidazole-2-dium dichloride	#M214
2-Phenyl-5-(p-methoxyphenyl)-1,3,4-oxadiazole	#M446
3-Phenyl-4-methylumbelliferone	#M284
4-{2-(5-Phenylloxazolyl)}-1-methylphridinium p-toluenesulfonate	#M415
4-{2-(5-Phenylloxazolyl)}pyridium hydrochloride	#M414
2-Phenyl-5-[p-(4-phenyl-1,3-butadienyl)phenyl]-1,3,4-oxadiazole	#M454
3-Phenyl-7-(4-phenylpyrazol-1-yl) coumarin	#M360
5-Phenyl-2-[p-(p-phenylstyryl)phenyl]oxazole	#M422
4-Phenyl stilbene	#M216
5-Phenyl-2-(p-styrylphenyl)oxazole	#M421
3-Phenyl-7-sulfomethylaminocoumarin sodium salt	#M317
Pilot 481 #M333; Pilot 495 #M353	
Pina(orthol)	#M161
Piperidino [3,2-g]coumarin	#M342
Polyphenyl 1	#M212
POPPOP	#M426
PPD	#M439
PPF	#M472
PPO	#M411
3-iso-Propyl-4-methylumbelliferone	#M285
iso-Propyl PBD	#M457
2-(4-iso-Propylphenyl)-5-(4-biphenyl)-1,3,4-oxadiazole	#M457
9-n-Propyl-10-(1-propenyl) anthracene	#M186
Pteridine 1 #M489; Pteridine 2 #M490	
PTP	#M206

4PyPO #M413
 4PyPO-HCl #M414
 4PyPO-MePTS #M415
 Pyrene 1 #M198
 2-(4-Pyridyl)-5-phenyloxazole #M413
 Pyronine B #M86; Pyronine G #M85; Pyronine Y #M85
 Pyryliumsalt 1 #M512; Pyryliumsalt 2 #M513;
 Pyryliumsalt 3 #M514; Pyryliumsalt 4 #M515;
 Pyryliumsalt 5 #M516; Pyryliumsalt 6 #M517;
 Pyryliumsalt 7 #M518; Pyryliumsalt 8 #M519;
 Pyryliumsalt 9 #M520; Pyryliumsalt 10 #M521;
 Pyryliumsalt 11 #M522

Q

Q1F #M385; Q3F #M393; Q4F #M398; Q6F #M399
 p-Quaterphenyl #M209
 p-Quinquephenyl #M213

R

Rapid-filter gelt #M162
 Rapid-filter grIn #M164
 Red 1 #M90; Red 2 #M92; Red 3 #M109; Red 4 #M140
 Red 5 #M139; Red 6 #M138; Red 7 #M134;
 Red 8 #M136; Red 9 #M10
 Resazurin #M143
 Resorufin #M142
 Pheophytin a #M153
 Rhodamine 19 #M95; Rhodamine 101 #M109;
 Rhodamine 110 #M88; Rhodamine 560 #M88;
 Rhodamine 575 #M95; Rhodamine 590 #M94;
 Rhodamine 610 #M90; Rhodamine 640 #M109;
 Rhodamine B(chloride, perchlorate) #M90;
 Rhodamine 3B #M91; Rhodamine C #M87;
 Rhodamine G #M89; Rhodamine 5G #M108;
 Rhodamine 6G(chloride, perchlorate, tetrafluoroborate)
 #M94; Rhodamine S #M87; Rhodamine 6Y #M111
 Rhodamine derivative 1 #M96; Rhodamine derivative 2
 #M97; Rhodamine derivative 3 #M98; Rhodamine deri-
 vative 4 #M99; Rhodamine derivative 5 #M100;
 Rhodamine derivative 6 #M101; Rhodamine derivative
 7 #M102; Rhodamine derivative 8 #M103; Rhodamine
 derivative 9 #M104; Rhodamine derivative 10 #M105;
 Rhodamine derivative 11 #M106; Rhodamine derivative
 12 #M107;
 Rhodol #M159
 Rhoduline blue 6G #M124

S

Safranin T #M149
 Sodium-salicylate #M271
 Spiro-2-[3-methyl-2,1,3-oxazaphospholidine]-1-[2,4,6-
 triphenylphosphorin] #M531
 Stilbene 1 #M218; Stilbene 3 #M260;
 Stilbene 420 #M260

2-Styrylbenzothiazole #M262
 1-Styryl-4-[ω-(n-biphenyl)-vinyl] benzene #M251
 1-Styryl-4-[ω-(2-naphthyl)-vinyl] benzene #M252
 1-Styryl-4-[ω-vinyl-(n-biphenyl)] benzene #M251
 Sulforhodamine 101 #M110; Sulforhodamine 640 #M110;
 Sulforhodamine B #M92;
 Sulforhodamine B monosodium salt #M93
 Sulphonated diphenyl-stilbene #M218

T

p-Terphenyl #M206
 p-Terphenylene-4,4"-bis(tetraphenylimidazole-2-
 dium) dichloride #M215
 2',4',5',7'-Tetrabromofluorescein #M117
 1,6,7,12-Tetracarboxy perylene #M203
 Tetracene #M197
 2',4',5',7'-Tetrachlorofluorescein #M116
 4,4'-N,N,N',N'-Tetraethylamino-p-terphenyl #M207
 N,N,N',N'-Tetraethyl rhodamine #M90
 1,2,4,5-3H,6H,10H-Tetrahydro[1]benzopyrano[9,9a,1-gh]
 quinolizin-10-one #M351
 1,2,4,5-3H,6H,10H-Tetrahydro-9-carbethoxy-1-benzopyrano
 [9,9a,1-gh]quinolizin-10-one #M358
 2,3,5,6-1H,4H-Tetrahydro-8-methylquinolazino[9,9a,
 1-gh]coumarin #M352
 (1,2,4,5-3H,6H,10H-Tetrahydro-10-oxo-[1]benzopyrano
 [9,9a,1-gh]quinolizin-8-yl)acetic acid #M359
 2,3,5,6-1H,4H-Tetrahydro-8-trifluoromethylquinolizino
 [9,9a,1-gh]coumarin #M353
 2,4,6-Triphenyl-1,3-oxazin-1-ium fluoborate #M523
 2,4,6-Triphenylpyrylium fluoborate #M492
 2,4,6-Tris(p-chlorophenyl)pyrylium fluoborate #M497
 2,4,6-Tris(p-dimethylaminophenyl)pyrylium
 fluoborate #M498
 2,4,6-Tris(p-methoxybenzyl)pyrylium fluoborate #M510
 2,4,6-Tris(p-methoxybenzyl)thiapyrylium perchlorate
 #M527
 2,4,6-Tris(p-tolyl)pyrylium perchlorate #M499
 Trypaflavine #M131
 3,6-Tetramethyldiamino-N-methylphthalimide #M484
 3,3',3'-Tetramethyl-1,1'-di(4-sulfobutyl)-4,5,4',5'-
 dibenzo-indotricarbocyanine iodide, monosodium salt
 #M49
 4,6,6,7-Tetramethyl-2(1H)-pyrrolidino[4,5-g]
 quinolone #M397
 3,3',2",3"-Tetramethyl-p-quaterphenyl #M211
 3,5,3',5'-Tetramethyl-thiathiazolino-
 tricarbocyanine iodide #M41
 3,5,3',5'-Tetramethyl-thiazolinetricarbocyanine
 iodide #M39
 6,6,7,8-Tetramethyl-4-trifluoromethyl-2(1H)-pyrrolidino
 [4,5-g]quinolone #M398
 1,1,4,4-Tetraphenylbutadiene #M270
 1,3,6,8-Tetraphenyl pyrene #M201
 1,3,1',3'-Tetra-2-pyridyl-benzimidazolocarboyanine

perchlorate	#M9
Thionin	#M145
Thioxanthene dye N90	#M541
Tinopal BV #M231; Tinopal GS #M228;	
Tinopal PCRP #M226; Tinopal RBS #M227;	
Tinopal RP #M264	
TMQ	#M211
Toluidine blue	#M147
3-p-Tolyl-7-(1H-1,2,3-triazol-1-yl)coumarin	#M364
3-p-Tolyl-7-(1H-1,2,4-triazol-1-yl)coumarin	#M365
TOPOT	#M432
TP-C-DMP	#M429
Triazinyl stilbene No.1 #M234; Triazinyl stilbene	
No.2 #M235; Triazinyl stilbene No.3 #M236;	
Triazinyl stilbene No.4 #M237; Triazinyl stilbene	
No.5 #M238; Triazinyl stilbene No.6 #M239;	
Triazinyl stilbene No.7 #M240; Triazinyl stilbene	
No.8 #M241; Triazinyl stilbene No.10 #M225	
3-(1H-1,2,4-Triazol-1-yl) umbelliferone	#M545
4-Trifluoromethyl-piperidino [3,2-g]coumarin	#M344
4-Trifluoromethyl-piperidino[2,3-h] coumarin	#M349
4-Trifluoromethylumbelliferone	#M282

U

Umbelliferone	#M278
Umbelliferone-methyleneiminodiacetic acid	#M291
Unsubstituted rhodamine	#M88
Uranine	#M112
U.V.1 #M206; U.V.2 #M456; U.V.3 #M210	
Uvitex CF #M233; Uvitex NSI #M268;	
Uvitex RS #M262; Uvitex SFC #M266	

V

Victoria Blue #M126; Victoria Blue R #M125	
Violet 2 #M397; Violet 3 #M378	
Violetrot	#M160

W

Weisstoner BV	#M233
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X

Xanthene dye N89 #M540; Xanthene dye N92 #M539	
Xylene red #M92; Xylene red B #M92	

Y

Yellow 1 #M88; Yellow 2 #M95	
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Z

Zinc phthalocyanine	#M81
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