

FITC (λ_{ex} 490nm; λ_{em} 525nm) 检测通道, 荧光色: 绿色

产品编号	产品名称	缩写	CAS	荧光性质
152265	Fluorescein-5-maleimide, 95% 荧光素-5-马来酰亚胺		75350-46-8	λ_{ex} 490 nm; λ_{em} 518 nm in 0.1 M Tris pH 8.0
196875	Rhodamine 110, 98.5% 罗丹明 110		13558-31-1	λ_{ex} 498 nm; λ_{em} 520 nm in methanol
196963	7-Fluorobenzofurazan-4-sulfonic acid ammonium salt, 99%, derivatization grade 7-氟苯并呋咱-4-磺酸铵盐	SBD-F	84806-27-9	λ_{ex} 380 nm; λ_{em} 515 nm
200892	7-Hydroxy-4-(trifluoromethyl)couma- rin, 98% 7-羟基-4-三氟甲基香豆素		575-03-1	λ_{ex} 385 nm; λ_{em} 502 nm in methanol
255493	Fluorescein isothiocyanate isomer I, 95% 异硫氰酸荧光素异构体 I	FITC	3326-32-7	λ_{ex} 492 nm; λ_{em} 518 nm (green)
301307	4-Fluoro-7-nitrobenzofurazan, 98% 4-氟-7-硝基苯并-2-氧杂-1,3-二唑		29270-56-2	λ_{ex} 470 nm; λ_{em} 528 nm in ethanol
404608	2',7'-Dichlorofluorescein 3',6'-diacetate, 96% 2',7'-二氯荧光素 3',6'-二乙酸酯		2044-85-1	λ_{ex} 504 nm; λ_{em} 524 nm in 0.1 M Tris pH 8.0 (esterase)
487758	Fluorescein, indicator 荧光素		2321-07-5	λ_{ex} 490 nm; λ_{em} 514 nm in 0.1 M Tris pH 8.0
487759	Fluorescein disodium salt 荧光素钠盐		518-47-8	λ_{ex} 460 nm; λ_{em} 515 nm(lit.) λ_{ex} 490 nm; λ_{em} 514 nm in 0.1 M Tris pH 8.0
992375	6-Carboxyfluorescein, 98% 6-羧基荧光素	6-FAM	3301-79-9	λ_{ex} 492 nm; λ_{em} 517 nm (pH 8.0)
341154	Bisbenzimidazole H 33342 trihydrochloride, 98% 双(苯并咪唑) H 33342 三盐酸盐		23491-52-3	λ_{ex} 340 nm; λ_{em} 510 nm λ_{ex} 355 nm; λ_{em} 465 nm in TE buffer; DNA
952849	5-Carboxyfluorescein n-succinimidyl ester, 95% 5-羧基荧光素琥珀酰亚胺酯	5-FAM, SE	92557-80-7	λ_{ex} 492 nm; λ_{em} 520 nm in 0.1 M Tris pH 8.0
1278124	1,3,5,7,8-Pentamethyl-4,4-difluoro- 4-bora-3a,4a-diaza-s-indacene, 97% 4,4-二氟-1,3,5,7,8-五甲基-4-硼 -3a,4a-二氮杂-s-茚烯		121207-31- 6	λ_{ex} 493 nm; λ_{em} 504 nm in methanol

1912454	Super Fluor 488, M.W. 600 - 700 Super Fluor 488		N/A	λ_{ex} 490 nm; λ_{em} 525 nm
2021688	5(6)-Carboxyrhodamine 110, hydrochloride, 90%, mixed isomers 5(6)-羧基罗丹明 110 盐酸盐		116763-35-0	λ_{em} 525 $\pm$ 4 nm in Methanol
2125095	EverFluorFL,SE, 97% EverFluorFL,SE		146616-66-2	λ_{em} 503 $\pm$ 3 nm in Methanol
2327671	5(6)-Carboxyrhodamine 110, succinimidyl ester hydrochloride, 75% 5(6)-羧基罗丹明 110, 琥珀酰亚胺 酯盐酸盐	5(6)-CR110, SE	254732-34-8	λ_{em} 527 $\pm$ 4 nm in Methanol
2332163	1,3,5,7-Tetramethyl-8-phenyl-4,4- difluoroboradiazaindacene, 97% 1,3,5,7-四甲基-8-苯基-4,4-二氟硼烷 基胍		194235-40-0	λ_{ex} 326 nm; λ_{em} 515 nm
114590	BCECF, AM, 90% BCECF, AM		117464-70-7	λ_{ex} 500-504 nm λ_{em} 525-531 nm
172953	(3,4-Dimethoxyphenyl)acetonitrile, 98% (3,4-二甲氧基苯基)乙腈		93-17-4	λ_{ex} 430 nm; λ_{em} 511 nm (pH 7.1)
223219	2',7'-Dichlorofluorescein 2',7'-二氯荧光素		76-54-0	λ_{ex} 504 nm; λ_{em} 529 nm in 0.1 M Tris pH 8.0
623883	5(6)-Carboxy-2' 7'-dichlorofluorescein, 95% 5(6)-羧基-2' 7'-二氯荧光素		111843-78-8	λ_{ex} 504 nm; λ_{em} 529 nm in 0.1 M Tris pH 8.0
159703	Calcein 钙黄绿素		1461-15-0	λ_{ex} 470 nm; λ_{em} 509 nm (pH 7.4)
330622	TMA-DPH, 90% TMA-DPH		115534-33-3	λ_{ex} 355 nm; λ_{em} ~430 nm in methanol
366661	7-(Diethylamino)coumarin-3-carbox- ylic acid N-succinimidyl ester, 96%, BioReagent, suitable for fluorescence 7-(二乙氨基)-香豆素-3-羧酸 N-羧基 琥珀酰亚胺酯		139346-57-9	λ_{ex} 445 nm; λ_{em} 482 nm in 0.1 M phosphate pH 7.0
427301	6-(Fluorescein-5(6)-carboxamido)h exanoic acid, succinimidyl ester, 90%, mixed isomers 6-[荧光素-5(6)-甲酰胺基]己酸 N-羧 基琥珀酰亚胺酯	FHS	114616-31-8	λ_{ex} 490 nm; λ_{em} 514 nm (pH 8.2)
432900	NBD C6-Ceramide, 90% NBD C6-神经酰胺		86701-10-2	λ_{em} 522 $\pm$ 4 nm in Methanol

519244	1-Methylpyrene, 97% 1-甲基芘		2381-21-7	λ_{ex} 340 nm; λ_{em} 486 nm in chloroform
607268	6-Dodecanoyl-2-dimethylaminonaphthalene, 90% 6-十二酰基-N,N-二甲基-2-萘胺		74515-25-6	λ_{ex} 366 nm; λ_{em} 497 nm in methanol
946627	5(6)-Carboxyfluorescein diacetate N-succinimidyl ester, 95% 5(6)-羧基荧光素二乙酸酯(N-琥珀酰亚胺)酯	CFDA, SE	150347-59-4	λ_{ex} 492 nm; λ_{em} 517 nm in 0.1 M Tris pH 8.0 (esterase)
142320	5(6)-Carboxyfluorescein diacetate N-succinimidyl ester, 90% 5(6)-羧基荧光素二乙酸酯(N-琥珀酰亚胺)酯		150347-59-4	λ_{ex} 492 nm; λ_{em} 517 nm in 0.1 M Tris pH 8.0 (esterase)
212017	7-Hydroxy-4-methylcoumarin-3-acetic acid, 98% 7-羟基-4-甲基香豆素-3-乙酸		5852-10-8	λ_{ex} 360 nm; λ_{em} ~450 nm in 0.1 M Tris pH 9.0
276443	Dansyl hydrazine, 98% 丹磺酰肼		33008-06-9	λ_{ex} 340 nm; λ_{em} 525 nm in ethanol
337922	2,3-Naphthalenedicarboxaldehyde, 99%, derivatization grade 2,3-萘二缩醛		7149-49-7	λ_{ex} 420 nm; λ_{em} ~480 nm in 0.1 M borate pH 9.3 (after derivatization with glycine [$\sim 90 \mu\text{M}$ glycine, $\sim 20 \mu\text{M}$ N-])
417978	N-Octadecylfluorescein-5-thiourea, 90% N'-十八烷基荧光素-5-硫脲		65603-18-1	λ_{ex} 480 $\pm$ 3 nm; λ_{em} 503 $\pm$ 4 nm in Buffer pH 9
423629	Fluo-3, AM, 90% 钙荧光探针 Fluo-3, AM		121714-22-5	λ_{ex} 506 nm; λ_{em} 525 nm in 0.1 M Tris pH 8.0, esterase
494598	8-Hydroxy-1,3,6-pyrenetrisulfonic acid trisodium salt, 85% 8-羟基芘-1,3,6-三磺酸三钠盐		6358-69-6	λ_{ex} 454 nm; λ_{em} 511 nm (pH 9.1)
910235	5-Carboxyfluorescein, 97% 5-羧基荧光素	5-FAM	76823-03-5	λ_{ex} 492 nm; λ_{em} 517 nm in 0.1 M Tris pH 8.0
258764	5(6)-Carboxyfluorescein, 97% 5(6)-羧基荧光素	5(6)-FAM	72088-94-9	λ_{ex} 492 nm; λ_{em} 517 nm in 0.1 M Tris pH 8.0
360221	6-Aminofluorescein, 95% 6-氨基荧光素		51649-83-3	λ_{ex} 490 nm; λ_{em} 520 nm in 0.1 M Tris pH 9.0
194222	Fluorescein 5(6)-isothiocyanate, 95%, for fluorescence, mixture of 5- and 6- isomers 5(6)-异硫氰酸荧光素		27072-45-3	λ_{ex} 492 nm; λ_{em} 518 nm in 0.1 M phosphate pH 8.0

261543	Acriflavine, 95% 吖啶黄		8048-52-0	λ_{ex} 463 nm; λ_{em} 490 nm in ethanol
164579	5-Dimethylamino-1-naphthalenesulf onyl chloride, 98% 5-二甲基氨基-1-萘磺酰氯	DNSCI	605-65-2	λ_{ex} 337 nm; λ_{em} 492 nm in chloroform (after derivatization with hexylamine)
1281655	2',7'-二氟荧光素 FG 488	FG 488	195136-58- 4	λ_{em} 514 $\pm$ 4 nm in Buffer pH 10
1431633	6-(荧光素-5-甲酰氨基)己酸琥珀酰亚 胺基酯 5-SFX, Single isomer	5-FAM-SE	148356-00- 7	λ_{em} 494 $\pm$ 3 nm in Buffer pH 10
315743	N-(5-氨基戊基)-5-(二甲基氨基)萘-1- 磺酰胺 Dansylcadaverine, 97%		10121-91-2	λ_{ex} 335 nm; λ_{em} 518 nm in methanol λ_{ex} 338 nm; λ_{em} 500 nm (Reaction product)"
1281655	2',7'-二氟荧光素 FG 488		195136-58- 4	λ_{em} 514 $\pm$ 4 nm in Buffer pH 10
129661	5-(N-十六烷酰)氨基荧光黄 HAF		73024-80-3	λ_{em} 518 $\pm$ 4 nm in 0.2M KOH/MeOH
1431633	6-(荧光素-5-甲酰氨基)己酸琥珀酰亚 胺基酯 5-SFX, Single isomer		148356-00- 7	λ_{em} 494 $\pm$ 3 nm in Buffer pH 10
2327492	EverFluor FL Prazosin		175799-93- 6	λ_{em} 511 $\pm$ 4 nm in Methanol
2327616	EverFluor FI C5-Ceramide		133867-53- 5	λ_{em} 512 $\pm$ 4 nm in Methanol
2327639	EverFluor FL Acid		126250-45- 1	λ_{em} 503 $\pm$ 3 nm in Methanol
2327661	Fluorescein-5(6)-sulfonic acid, trisodium salt		445289-99- 6	λ_{em} 519 $\pm$ 4 nm in Buffer pH 10
2327665	Fluorescein phalloidin		84313-38-2	λ_{em} 515 $\pm$ 4 nm in Buffer pH 10
2327666	Fluorescein glycine amide		136091-82- 2	λ_{em} 515 $\pm$ 4 nm in Buffer pH 10

2327783	Fura-4F, pentapotassium salt, Cell impermeant		299172-08-0	λ_{ex} 336 nm; λ_{em} 505 nm
2657142	23-(二吡咯甲基二氟化硼)-24-去甲胆固醇 23-(DipyrroMetheneboron difluoride)-24-norcholesterol, 98%		878557-19-8	λ_{em} 503 $\pm$ 4 nm
2751843	5-FG 488, SE		198139-51-4	λ_{em} 521 $\pm$ 4 nm in pH 10 phosphate buffer
322037	N,N'-二丹磺酰-L-胱氨酸 DDC		18468-46-7	λ_{em} 515 $\pm$ 4 nm in Methanol
328302	10-(3-磺丙基)吡啶鎓内盐 SPA		83907-41-9	λ_{em} 490 $\pm$ 4 nm in Methanol
477236	荧光十八酯 Chromoionophore XI		138833-46-2	λ_{ex} 504 $\pm$ 3 nm; λ_{em} 525 $\pm$ 4 nm in KOH/Methanol
515253	碘化 3,3-二丙基氧杂羰花青 DiOC3(3)		53213-79-9	λ_{em} 482 $\pm$ 4 nm in Methanol
566999	2,8-二甲基-蔡并[3,2,1-KL]占吨 Fluorol Yellow 088		81-37-8	λ_{em} 515 $\pm$ 4 nm in Methanol
573659	DiOC5(3)碘化物 DiOC5(3), 95%		53213-81-3	λ_{em} 500 $\pm$ 4 nm in Methanol
616987	,4'-二苯胺基-1,1'-联蔡-5,5'-二磺酸二钾盐 Bis-ANS		65664-81-5	λ_{em} 500 $\pm$ 4 nm in Methanol
619290	荧光素生物素 Fluorescein biotin, 98%		134759-22-1	λ_{em} 518 $\pm$ 4 nm in Buffer pH 10
9110778	5-FG 488 Acid Diacetate		195136-74-4	λ_{em} 519 $\pm$ 4 nm in 0.2M KOH/MeOH
933604	5-(4,6-二氯三嗪)氨基荧光素 5-DTAF, Single isomer		51306-35-5	λ_{em} 516 $\pm$ 4 nm in Buffer pH 10
938322	6-羧基荧光素琥珀酰亚胺酯 6-Carboxyfluorescein N-hydroxysuccinimide ester, 90%, Single isomer		92557-81-8	λ_{ex} 494 $\pm$ 3 nm; λ_{em} 515 $\pm$ 4 nm

960147	DiBAC4(3)	DiBAC4(3)	70363-83-6	$\lambda_{em} 517 \pm 3 \text{ nm}$ in Methanol
964185	BFI-AM 钾离子荧光探针 PBFI-AM, 97%, Cell permeant		124549-23-1	$\lambda_{em} 514 \pm 4 \text{ nm}$ in Methanol
970361	5-碘乙酰氨基荧光素 5-IAF, 95%		63368-54-7	$\lambda_{em} 515 \pm 4 \text{ nm}$ in Methanol
992033	N,N-二甲基-6-苯丙酮基-2-萘胺 Prodan		70504-01-7	$\lambda_{em} 497 \pm 4 \text{ nm}$ in Methanol
999849	NBD-C12 酸 NBD-C12 acid, 98%, suitable for fluorescence		96801-39-7	$\lambda_{em} 522 \pm 4 \text{ nm}$ in Methanol