

Color/Em	Catalog No.	Product Name	M.W.	Ex/Abs /nm	Em/ nm	CF ₂₆₀	CF ₂₈₀	ϵ_{max} (cm ⁻¹ M ⁻¹)	Φ	Laser
Green	A8106	HyperFluor™ 488 NHS Ester	631.54	494	517	0.16	0.1	71,800	0.91	FITC / GFP
Green	A8118	HyperFluor™ 488 azide	658.66	494	517	0.16	0.1	71,800	0.91	FITC / GFP
Yellow Green	A8107	Cy3 NHS ester	727.84	548	563	0.03	0.06	162,000	0.1	Cy3/TRITC
Yellow Green	A8127	Cy3 azide	712.88	548	563	0.03	0.06	162,000	0.1	Cy3/TRITC
Yellow Green	A8100	Cy3 NHS ester (non-sulfonated)	590.15	555	570	0.04	0.09	150,000	0.31	Cy3/TRITC
Yellow Green	A8111	Cy3 azide (non-sulfonated)	575.19	555	570	0.04	0.09	150,000	0.31	Cy3/TRITC
Yellow Green	A8130	Cy3 alkyne (non-sulfonated)	530.14	555	570	0.04	0.09	150,000	0.31	Cy3/TRITC
Yellow Green	A8132	Cy3 carboxylic acid (non-sulfonated)	493.08	555	570	0.04	0.09	150,000	0.31	Cy3/TRITC
Yellow Green	A8776	Cy3 carboxylic acid (Et)	652.75	555	569	0.07	0.073	150,000	0.15	Cy3/TRITC
Yellow Green	A8138	Cy3 maleimide (non-sulfonated)	615.2	555	570	0.04	0.09	150,000	0.31	Cy3/TRITC
Yellow Green	A8265	Cy3 hydrazide (non-sulfonated)	543.57	555	570	0.04	0.09	150,000	0.31	Cy3/TRITC
Yellow Green	A8099	HyperFluor™ 555 NHS Ester	930.04	555	572	0.06	0.09	152,000	0.14	Cy3/TRITC
Yellow Green	A8772	Cy3 Bis NHS ester	932.99	555	569	0.07	0.073	150,000	0.15	Cy3/TRITC
Orange Red	A8110	HyperFluor™ 594 NHS Ester	819.85	590	617	0.28	0.51	105,000	0.77	Texas Red® / Cy3.5
Orange Red	A8119	HyperFluor™ 594 azide	846.97	590	617	0.28	0.51	105,000	0.77	Texas Red® / Cy3.5
Orange Red	A8101	Cy3.5 NHS ester (non-sulfonated)	690.27	591	604	0.29	0.22	116,000	0.35	Texas Red® / Cy3.5
Orange Red	A8112	Cy3.5 azide (non-sulfonated)	717.38	591	604	0.29	0.22	116,000	0.35	Texas Red® / Cy3.5
Orange Red	A8260	Cy3.5 carboxylic acid (non-sulfonated)	593.2	591	604	0.29	0.22	116,000	0.22	Texas Red® / Cy3.5
Orange Red	A8264	Cy3.5 maleimide (non-sulfonated)	715.32	591	604	0.29	0.22	116,000	0.35	Texas Red® / Cy3.5
Orange Red	A8266	Cy3.5 hydrazide (non-sulfonated)	643.69	591	604	0.29	0.22	116,000	0.35	Texas Red® / Cy3.5
Far-red	A8102	Cy5 NHS ester (non-sulfonated)	616.19	646	662	0.03	0.04	250,000	0.2	Cy5
Far-red	A8113	Cy5 azide (non-sulfonated)	717.38	646	662	0.03	0.04	250,000	0.2	Cy5
Far-red	A8131	Cy5 alkyne (non-sulfonated)	556.18	646	662	0.03	0.04	250,000	0.2	Cy5
Far-red	A8133	Cy5 carboxylic acid (non-sulfonated)	519.12	646	662	0.03	0.04	250,000	0.2	Cy5
Far-red	A8139	Cy5 maleimide (non-sulfonated)	641.24	646	662	0.03	0.04	250,000	0.2	Cy5
Far-red	A8144	Cy5 Boc-hydrazide (non-sulfonated)	633.26	646	662	0.03	0.04	250,000	0.2	Cy5
Far-red	A8145	Cy5 hydrazide (non-sulfonated)	569.61	646	662	0.03	0.04	250,000	0.2	Cy5
Far-red	A8143	Cy5 amine (non-sulfonated)	653.77	646	662	0.03	0.04	250,000	0.2	Cy5
Far-red	A8108	Cy5 NHS ester	753.88	646	662	0.04	0.04	271,000	0.28	Cy5
Far-red	A8128	Cy5 azide	738.92	646	662	0.04	0.04	250,000	0.28	Cy5
Far-red	A8137	Cy5 carboxylic acid	733.88	646	662	0.02	0.03	250,000	0.27	Cy5
Far-red	A8773	Cy5 Bis NHS ester	959.02	649	670	0.04	0.04	271,000	0.28	Cy5
NIR	A8103	Cy5.5 NHS ester (non-sulfonated)	716.31	684	710	0.07	0.03	198,000	0.2	Cy5.5
NIR	A8114	Cy5.5 azide (non-sulfonated)	701.34	684	710	0.07	0.03	198,000	0.2	Cy5.5
NIR	A8263	Cy5.5 alkyne (non-sulfonated)	656.3	684	710	0.07	0.03	198,000	0.2	Cy5.5
NIR	A8134	Cy5.5 carboxylic acid (non-sulfonated)	619.23	684	710	0.07	0.03	198,000	0.2	Cy5.5
NIR	A8140	Cy5.5 maleimide (non-sulfonated)	741.36	684	710	0.07	0.03	198,000	0.2	Cy5.5
NIR	A8261	Cy5.5 hydrazide (non-sulfonated)	669.73	684	710	0.07	0.03	198,000	0.2	Cy5.5
NIR	A8104	Cy7 NHS ester (non-sulfonated)	733.64	750	773	0.022	0.029	199,000	0.3	Cy7
NIR	A8115	Cy7 azide (non-sulfonated)	667.33	750	773	0.022	0.029	199,000	0.3	Cy7
NIR	A8135	Cy7 carboxylic acid (non-sulfonated)	585.22	750	773	0.022	0.029	199,000	0.2	Cy7
NIR	A8141	Cy7 maleimide (non-sulfonated)	707.34	750	773	0.022	0.029	199,000	0.3	Cy7
NIR	A8109	Cy7 NHS ester	827.94	750	773	0.04	0.04	240,600	0.24	Cy7
NIR	A8105	Cy7.5 NHS ester (non-sulfonated)	833.76	788	808	-	-	223,000	0.1	Cy7
NIR	A8116	Cy7.5 azide (non-sulfonated)	767.44	788	808	-	-	223,000	0.1	Cy7
NIR	A8136	Cy7.5 carboxylic acid (non-sulfonated)	685.34	788	808	-	-	223,000	0.1	Cy7
NIR	A8142	Cy7.5 maleimide(non-sulfonated)	807.46	788	808	-	-	223,000	0.1	Cy7