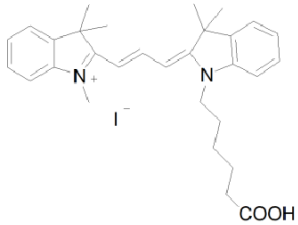
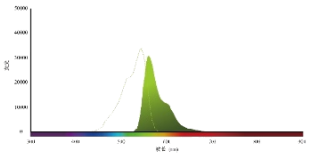
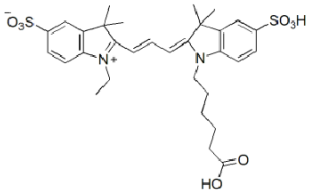
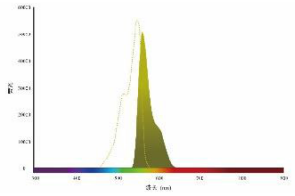
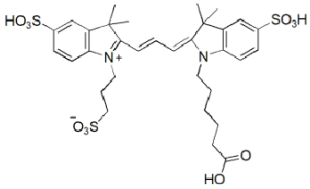
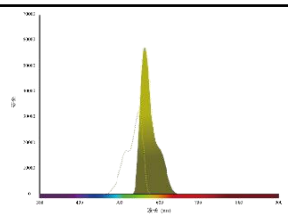
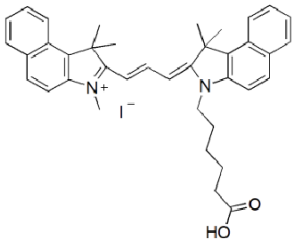
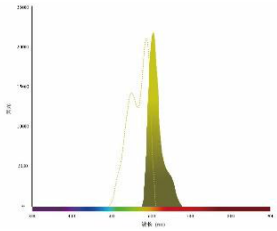
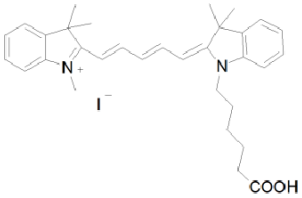
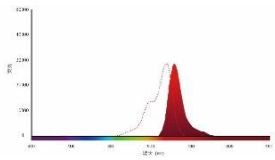
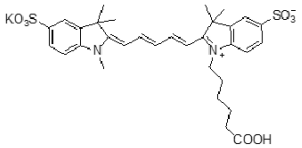
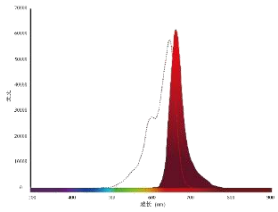
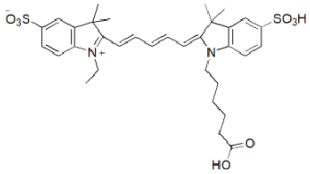
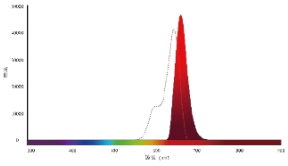
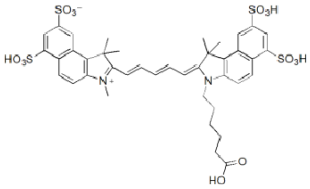
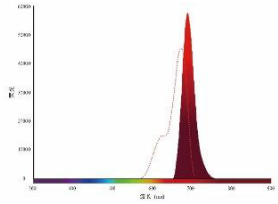
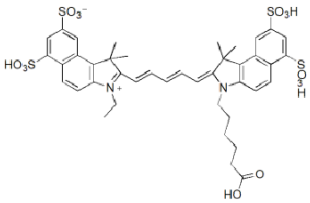
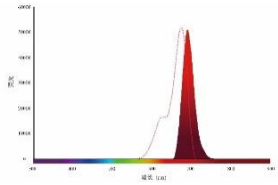
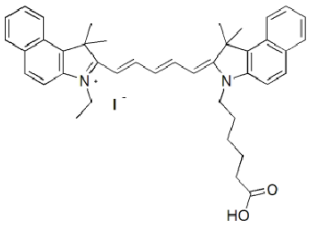
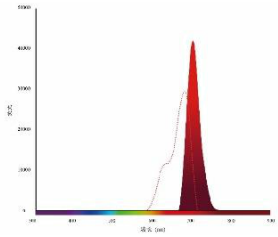
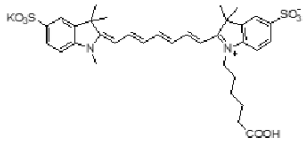
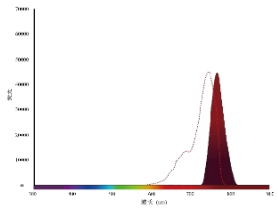
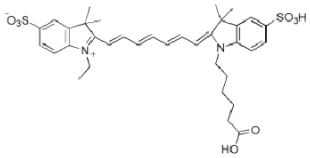
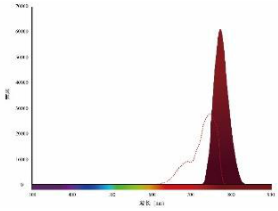
产 品 说 明 书

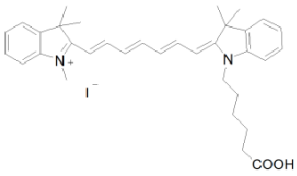
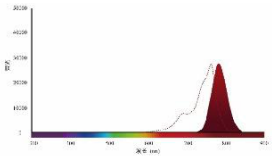
Cy Dye Free acid

货号	名称	规格	分子式	Abs$_{max}$/ Em(nm)	Extinction coefficient(ε)	MW	外观
SB-C5093	Cy3-M free acid（Cy3-甲基）	5 mg	$C_{30}H_{37}IN_2O_2$	545/560	150,000	584.5	可溶于 DMSO、DMF、甲醇及二氯甲烷的红色固体
SB-C5020	Sulfo-Cy3-E free acid（磺酸基-Cy3-乙基）	5 mg	$C_{31}H_{38}N_2O_8S_2$	548/560	162,000	630.8	可溶于水、DMSO 或 DMF 的深红色固体
SB-C5080	Sulfo-Cy3-3 free acid（磺酸基-Cy3-3）	5 mg	$C_{32}H_{40}N_2O_{11}S_3$	549/563	162,000	724.9	可溶于水、DMSO 或 DMF 的深红色固体
SB-C5085	Cy3.5-M free acid（Cy3.5-甲基）	5 mg	$C_{38}H_{41}IN_2O_2$	586/603	116,000	684.7	可溶于 DMSO 或 DMF 的深红色固体
SB-C5094	Cy5-M free acid（Cy5-甲基）	5 mg	$C_{32}H_{39}IN_2O_2$	640/659	250,000	610.6	可溶于 DMSO、DMF、甲醇及二氯甲烷的蓝色固体
SB-C5097	Sulfo-Cy5-M free acid（磺酸基-Cy5-甲基）	5 mg	$C_{32}H_{37}KN_2O_8S_2$	646/662	271,000	680.9	可溶于 DMSO、DMF、水的深蓝色固体
SB-C5021	Sulfo-Cy5-E free acid（磺酸基-Cy5-乙基）	5 mg	$C_{33}H_{40}N_2O_8S_2$	646/662	271,000	656.8	可溶于水、DMSO 或 DMF 的黑绿色固体
SB-C5068	Sulfo-Cy5.5-M free acid（磺酸基-Cy5.5-甲基）	5 mg	$C_{40}H_{42}N_2O_{14}S_4$	673/689	211,000	903.0	可溶于水、DMSO 或 DMF 的深蓝色固体
SB-C5071	Sulfo-Cy5.5-E free acid（磺酸基-Cy5.5-乙基）	5 mg	$C_{41}H_{44}N_2O_{14}S_4$	674/690	211,000	917.1	可溶于水、DMSO 或 DMF 的深蓝色固体
SB-C5067	Cy5.5-E free acid（Cy5.5-乙基）	5 mg	$C_{41}H_{45}IN_2O_2$	680/702	198,000	724.7	可溶于 DMSO 或 DMF 的深红色固体

SB-C5098	Sulfo-Cy7-M free acid（磺酸基-Cy7-甲基）	5 mg	$C_{34}H_{39}KN_2O_8S_2$	744/769	240,600	706.9	可溶于 DMSO、DMF、水的深绿色固体
SB-C5069	Sulfo-Cy7-E free acid（磺酸基-Cy7-乙基）	5 mg	$C_{35}H_{42}N_2O_8S_2$	746/772	240,600	682.9	可溶于水、DMSO 或 DMF 的绿色固体
SB-C5095	Cy7-M free acid（Cy7-甲基）	5 mg	$C_{34}H_{41}IN_2O_2$	763/782	199,000	636.6	可溶于 DMSO、DMF、甲醇及二氯甲烷的绿色固体

名称	CAS 号	分子结构图	光谱图	效能等同于
Cy3-M free acid（Cy3-甲基）	/		 溶解于甲醇所测	Cyanine3 carboxylic acid
Sulfo-Cy3-E free acid（磺酸基-Cy3-乙基）	146368-13-0		 溶解于水所测	Alexa Fluor 555, TRITC, DyLight 549
Sulfo-Cy3-3 free acid（磺酸基-Cy3-3）	/		 溶解于水所测	Alexa Fluor 555，TRITC，DyLight 549
Cy3.5-M free acid（Cy3.5-甲基）	/		 溶解于甲醇所测	/
Cy5-M free acid（Cy5-甲基）	/		 溶解于甲醇所测	Cyanine5 carboxylic acid

Sulfo-Cy5-M free acid（磺酸基-Cy5-甲基）	1144107-82-3		 溶解于水所测	Sulfo-Cyanine5 carboxylic acid
Sulfo-Cy5-E free acid（磺酸基-Cy5-乙基）	146368-11-8		 溶解于水所测	Alexa Fluor 657, TRITC, DyLight 640
Sulfo-Cy5.5-M free acid（磺酸基-Cy5.5-甲基）	/		 溶解于水所测	/
Sulfo-Cy5.5-E free acid（磺酸基-Cy5.5-乙基）	210892-23-2		 溶解于水所测	Alexa Fluor 680
Cy5.5-E free acid（Cy5.5-乙基）	/		 溶解于甲醇所测	/
Sulfo-Cy7-M free acid（磺酸基-Cy7-甲基）	/		 溶解于 1x PBS 所测	Sulfo-Cyanine7 carboxylic acid
Sulfo-Cy7-E free acid（磺酸基-Cy7-乙基）	943298-08-6		 溶解于水所测	Alexa Fluor 750，DyLight 750

Cy7-M free acid （Cy7-甲基）	/		 溶解于二氯甲烷所测	Cyanine7 carboxylic acid

储存条件

-20℃避光保存，有效期见外包装。

产品介绍

花菁染料 Cy free acid 系列是一类荧光标记染料，含有游离的、未活化的单官能团羧酸，在多数情况下，该染料不具有反应活性，可用于样品对照或仪器校准。

注意事项

1. 荧光染料均存在淬灭问题，请尽量注意避光，以减缓荧光淬灭。
2. 为了您的安全和健康，请穿实验服并戴一次性手套操作。