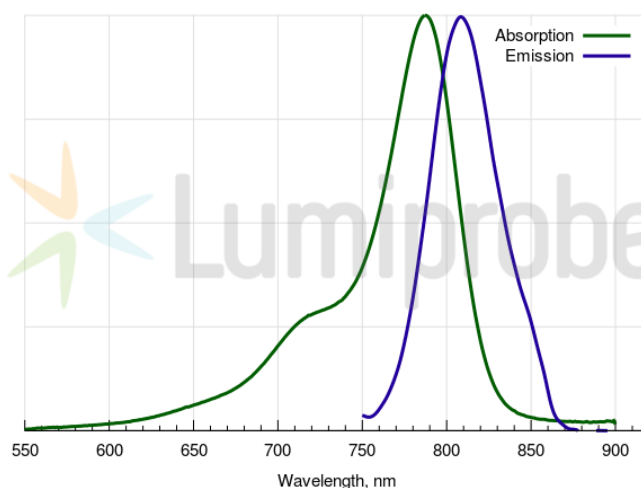
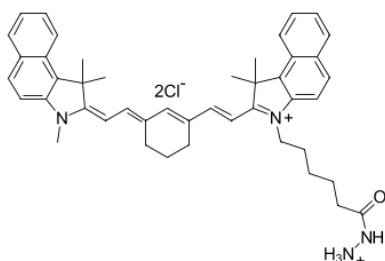


Cyanine7.5 hydrazide

<http://cn.lumiprobe.com/p/cy75-hydrazide>

A carbonyl-reactive hydrazide derivative of Cyanine7.5 near infrared (NIR) fluorophore. This dye has similar spectral properties with ICG (indocyanine green), but has a higher quantum yield of fluorescence. Hence, this fluorophore is ideal for in vivo imaging.

This is a carbonyl-reactive dye which is particularly useful for the labeling of antibodies after periodate oxidation. It also labels other carbonyl compounds (aldehydes and ketones), for example, many saccharides.



外观:

质谱 M+ 增量: 644.4

分子量: 735.82

分子式: $C_{45}H_{52}Cl_2N_4O$

溶解度:

质量控制:

储存条件:

激发/吸收极大值, 纳米: 788

ϵ , 摩尔吸光系数, cm^{-1} : 223000

发射极大值, 纳米: 808

荧光量子产率: 0.10