

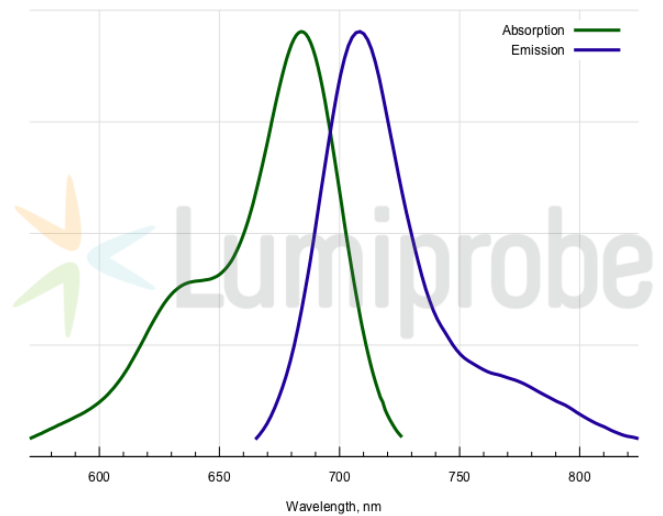
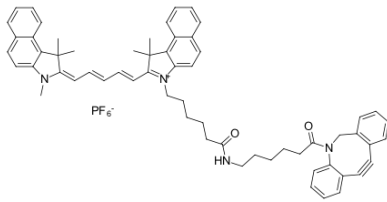
Cyanine5.5 DBCO

<http://hk.lumiprobe.com/p/cy55-dbco>

Strain promoted alkyne azide cycloaddition (SPAAC) between strained cycloalkynes and azides is a useful bioconjugation method that eliminates the need for copper catalyst necessary for classical CuAAC click chemistry.

Cyanine5.5 DBCO is a cyclooctyne product containing Cyanine5.5 fluorescent dye. This fluorophore is used in bioimaging, biodistribution studies, and microscopy.

Cyanine5.5 DBCO can be used to conjugate the fluorophore with various azides.



外观:

质谱 M+ 增量: 882.5

分子量: 1029.14

CAS 编号: 2643308-61-4

分子式: $C_{61}H_{63}N_4F_6O_2P$

溶解度:

质量控制:

储存条件:

激发/吸收极大值, 纳米: 684

ϵ , 摩尔吸光系数, cm^{-1} : 198000

发射极大值, 纳米: 710

荧光量子产率: 0.2