

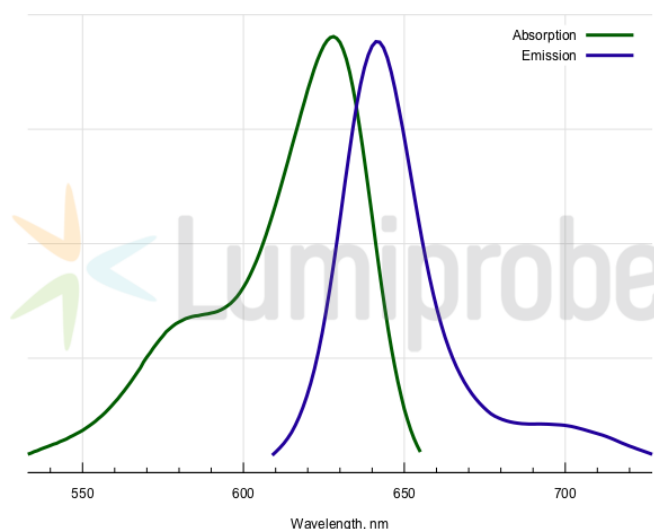
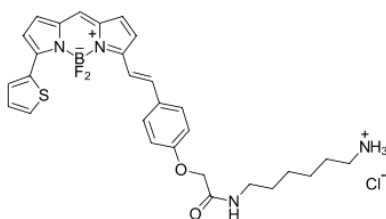
BDP 630/650 amine

<http://hk.lumiprobe.com/p/bodipy-630-650-amine>

BDP 630/650 is a far red emitting, borondipyrromethene based fluorophore. The dye is tuned to match the standard Cy5 channel, and can be used as an alternative to [Cyanine5](#) and [sulfo-Cyanine5](#). Compared to cyanines, BDP 630/650 possesses a longer fluorescence lifetime which is important for fluorescence anisotropy measurements.

BDP 630/650 has a brightness similar to cyanines, and an exceptional photostability.

This amine derivative is useful for the reaction with electrophiles, and for enzymatic transamination labeling.



外观:

分子量: 584.92

分子式: $C_{29}H_{32}N_4BClF_2O_2S$

溶解度:

质量控制:

储存条件:

激发/吸收极大值, 纳米: 628

ϵ , 摩尔吸光系数, cm^{-1} : 97000

发射极大值, 纳米: 642

荧光量子产率: 0.91

CF_{260} : 0.029

CF_{280} : 0.035