

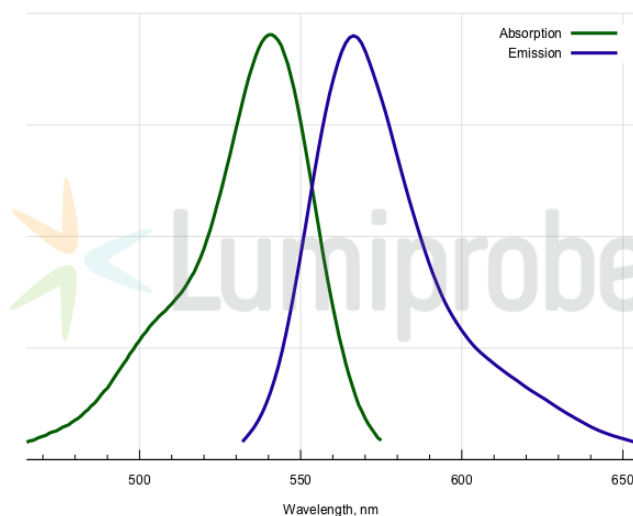
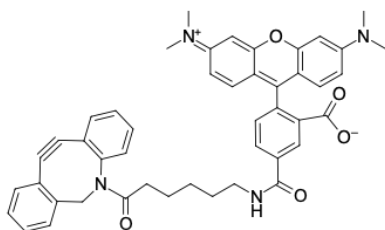
TAMRA DBCO, 5-isomer

<http://hk.lumiprobe.com/p/tamra-dbc-5>

This product is a derivative of tetramethylrhodamine (TMR, TAMRA) containing a cyclooctyne moiety (dibenzocyclooctyne, DBCO). Pure 5-isomer.

DBCO reacts quickly and efficiently with azides by simply mixing the components without the need for a copper catalyst (so-called sterically promoted cycloaddition reaction (SPAAC)).

TAMRA DBCO can be used for the labeling of proteins, peptides, nucleic acids, and other molecules containing azide groups. TAMRA is often used as a FRET acceptor for [FAM](#) fluorophore. Can replace DyLight 549.



外观:

分子量: 730.87

CAS 编号: 1911598-65-6

分子式: $C_{46}H_{42}N_4O_5$

溶解度:

质量控制:

储存条件:

激发/吸收极大值, 纳米: 541

ϵ , 摩尔吸光系数, cm^{-1} : 84000

发射极大值, 纳米: 567

荧光量子产率: 0.1