

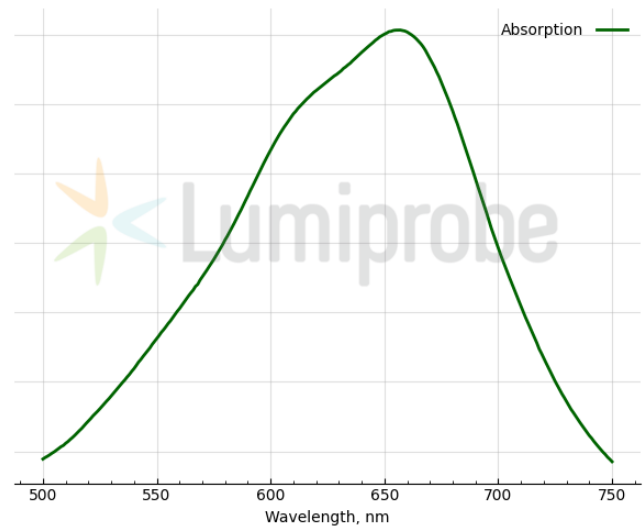
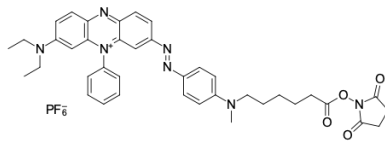
## DusQ 3 NHS ester

<http://hk.lumiprobe.com/p/bhq3-nhs-ester>

DusQ 3 NHS ester is a dark, far-red nonfluorescent DusQ 3 derivative for labeling with the primary amines of proteins, modified oligonucleotides. The labeling with covalent amide bond occurs most efficiently at pH 7-9.

DusQ 3 is used as an acceptor for preparation of fluorogenic dual-labeled probes, for qPCR, sequencing and other fluorescence-quenched system applications.

Due to quenching range characterised as 620-730 nm DusQ 3 is useful as an acceptor in fluorescence resonance energy transfer (FRET) combined with far-red to near-IR emitting dyes such as [Cyanine5](#), [Cyanine5.5](#), [AF 647](#).



外观:

分子量: 817.77

分子式:  $C_{39}H_{42}N_7O_4$

溶解度:

质量控制:

储存条件:

激发/吸收极大值, 纳米: 657

$\epsilon$ , 摩尔吸光系数,  $cm^{-1}$ : 45500