

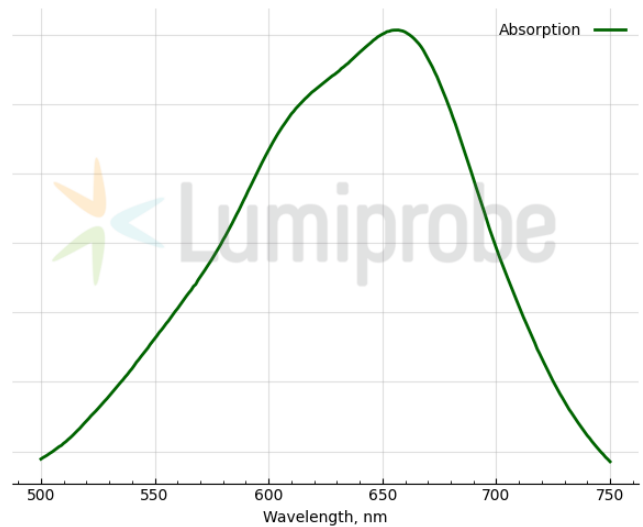
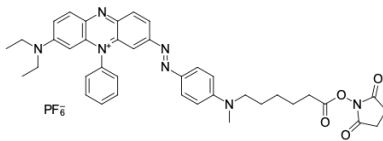
## DusQ® 3 NHS ester

<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<sub>39</sub>H<sub>42</sub>N<sub>7</sub>O<sub>4</sub>

溶解度:

质量控制:

储存条件:

法律声明: 本產品僅供研究目的提供和銷售。本產品並未經過食品、藥品、醫療器械、化妝品等領域的安全性和效力測試，且未經明示或暗示授權用於其他任何用途，包括但不限於體外診斷、人類或動物用途，以及商業用途。

激发/吸收极大值, 纳米: 657

ε, 摩尔吸光系数, cm<sup>-1</sup>: 45500