

04327 Atto 612Q

Application

Atto 612Q is a novel fluorescence quencher (energy acceptor in FRET process). The quencher is designed for application in the area of life science, e.g. labeling of DNA, RNA or proteins. Characteristic features of the label are strong absorption and high stability.

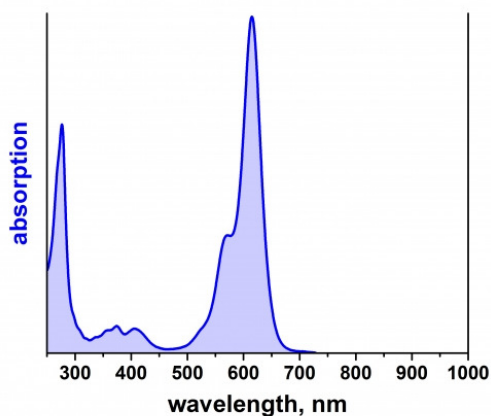
Atto 612Q is a cationic dye.

After coupling to a substrate the dye carries a net electrical charge of $+1$. As supplied Atto 612Q consists of a mixture of two isomers with practically identical absorption.

Product Description

MW	791 g/mol
λ_{abs}	615 nm
ϵ_{max}	$1.5 \times 10^5 \text{ M}^{-1} \text{ cm}^{-1}$
CF ₂₆₀	0.35
CF ₂₈₀	0.60

Optical data of the carboxyderivative (in PBS, pH 7.4)



Storage: Store at -20°C and protected from light.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

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