

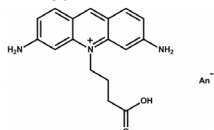
50712 Atto 465

Application

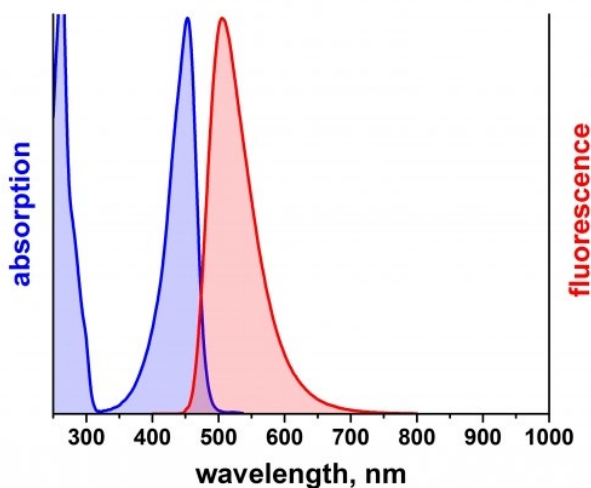
Atto 465 is a novel fluorescent label derived from the well-known dye Acriflavine. The dye is intended for application in the area of life science, e.g. labeling of DNA, RNA or proteins. Characteristic features of the label are strong absorption and good fluorescence, large Stokes-shift, good water solubility and high triplet quantum yield. The dye shows intense and long-lived phosphorescence in solid matrix.

Product Description

MW	396 g/mol
λ_{abs}	453 nm
ϵ_{max}	$7.5 \times 10^4 \text{ M}^{-1} \text{ cm}^{-1}$
λ_{fl}	506 nm
η_{fl}	75 %
τ_{fl}	5.0 ns
CF ₂₆₀	1.09
CF ₂₈₀	0.48



Optical data of the carboxy derivative (in aqueous solution)



Storage: protected from moisture and light at -20°C

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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